

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020455.D
 Acq On : 27 Nov 2024 10:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 28 00:56:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	165766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	266214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	224244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	103151	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	86800	45.577	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.160%
35) Dibromofluoromethane	7.646	113	79256	46.429	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.860%
50) Toluene-d8	10.115	98	314385	46.753	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.500%
62) 4-Bromofluorobenzene	12.414	95	105355	48.738	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	97867	60.824	ug/l	100
3) Chloromethane	2.074	50	97002	45.613	ug/l	98
4) Vinyl Chloride	2.214	62	95905	43.447	ug/l	100
5) Bromomethane	2.610	94	56095	50.883	ug/l	98
6) Chloroethane	2.745	64	58280	45.259	ug/l	100
7) Trichlorofluoromethane	3.074	101	172308	56.173	ug/l	98
8) Diethyl Ether	3.464	74	49774	51.428	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.830	101	96000	52.551	ug/l	98
10) Methyl Iodide	4.019	142	118206	48.308	ug/l	94
11) Tert butyl alcohol	4.878	59	31145	221.365	ug/l	99
12) 1,1-Dichloroethene	3.805	96	94878	52.468	ug/l	94
13) Acrolein	3.659	56	32176	272.848	ug/l	99
14) Allyl chloride	4.397	41	169604	48.503	ug/l	96
15) Acrylonitrile	5.067	53	109057	254.904	ug/l	99
16) Acetone	3.879	43	132212	289.586	ug/l	99
17) Carbon Disulfide	4.122	76	316659	51.977	ug/l	98
18) Methyl Acetate	4.397	43	54209	50.937	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	250394	53.304	ug/l	99
20) Methylene Chloride	4.634	84	99082	51.247	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	106056	52.806	ug/l	96
22) Diisopropyl ether	6.031	45	332380	48.233	ug/l	99
23) Vinyl Acetate	5.976	43	939367	243.928	ug/l	98
24) 1,1-Dichloroethane	5.927	63	195382	50.223	ug/l	100
25) 2-Butanone	6.902	43	162330	276.182	ug/l	99
26) 2,2-Dichloropropane	6.896	77	180860	56.248	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	119373	53.962	ug/l	98
28) Bromochloromethane	7.256	49	69527	42.464	ug/l	95
29) Tetrahydrofuran	7.274	42	88052	250.652	ug/l	98
30) Chloroform	7.433	83	197354	52.535	ug/l	95
31) Cyclohexane	7.713	56	175832	49.528	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	188303	57.087	ug/l	98
36) 1,1-Dichloropropene	7.847	75	147856	56.709	ug/l	100
37) Ethyl Acetate	7.000	43	64183	53.738	ug/l	97
38) Carbon Tetrachloride	7.829	117	176623	64.881	ug/l	98
39) Methylcyclohexane	9.115	83	189193	57.981	ug/l	96
40) Benzene	8.091	78	431835	56.517	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	34901	51.356	ug/l	96
42) 1,2-Dichloroethane	8.164	62	121979	59.144	ug/l	99
43) Isopropyl Acetate	8.201	43	128487	55.318	ug/l	97
44) Trichloroethene	8.872	130	107014	59.113	ug/l	100
45) 1,2-Dichloropropane	9.152	63	100563	55.164	ug/l	98
46) Dibromomethane	9.237	93	52929	56.647	ug/l	98
47) Bromodichloromethane	9.432	83	149023	57.776	ug/l	100
48) Methyl methacrylate	9.225	41	62783	56.537	ug/l	97
49) 1,4-Dioxane	9.237	88	10819	1125.485	ug/l	98
51) 4-Methyl-2-Pentanone	10.005	43	324070	274.931	ug/l	98
52) Toluene	10.176	92	272518	58.353	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	141628	58.065	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	163911	58.705	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	68146	54.945	ug/l	99
56) Ethyl methacrylate	10.444	69	103787	55.721	ug/l	96
57) 1,3-Dichloropropane	10.719	76	125718	56.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	249416	282.402	ug/l	97
59) 2-Hexanone	10.768	43	243963	292.288	ug/l	97
60) Dibromochloromethane	10.920	129	95327	59.630	ug/l	98
61) 1,2-Dibromoethane	11.017	107	64799	56.382	ug/l	100
64) Tetrachloroethene	10.652	164	92677	57.334	ug/l	99
65) Chlorobenzene	11.450	112	281825	56.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	98576	59.018	ug/l	98
67) Ethyl Benzene	11.523	91	531533	57.625	ug/l	100
68) m/p-Xylenes	11.633	106	387761	116.707	ug/l	98
69) o-Xylene	11.962	106	182480	57.906	ug/l	98
70) Styrene	11.975	104	305289	58.308	ug/l	98
71) Bromoform	12.139	173	54221	62.288	ug/l #	99
73) Isopropylbenzene	12.261	105	495366	56.691	ug/l	99
74) N-amyl acetate	12.078	43	110919	52.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	75839	53.702	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	56253m	57.860	ug/l	
77) Bromobenzene	12.536	156	104087	56.855	ug/l	98
78) n-propylbenzene	12.603	91	590389	56.298	ug/l	98
79) 2-Chlorotoluene	12.688	91	332339	55.118	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	398565	56.438	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	28936	58.318	ug/l	96
82) 4-Chlorotoluene	12.785	91	341675	54.907	ug/l	98
83) tert-Butylbenzene	13.005	119	362066	58.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	395411	56.477	ug/l	99
85) sec-Butylbenzene	13.182	105	519673	52.895	ug/l	100
86) p-Isopropyltoluene	13.298	119	434437	57.191	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	201281	54.375	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	197218	55.762	ug/l	99
89) n-Butylbenzene	13.627	91	403547	55.475	ug/l	99
90) Hexachloroethane	13.889	117	82736	56.431	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	171873	55.728	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11835	51.071	ug/l	96
93) 1,2,4-Trichlorobenzene	14.931	180	100282	53.776	ug/l	98
94) Hexachlorobutadiene	15.035	225	68318	60.019	ug/l	100
95) Naphthalene	15.151	128	173879	54.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	83015	52.065	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
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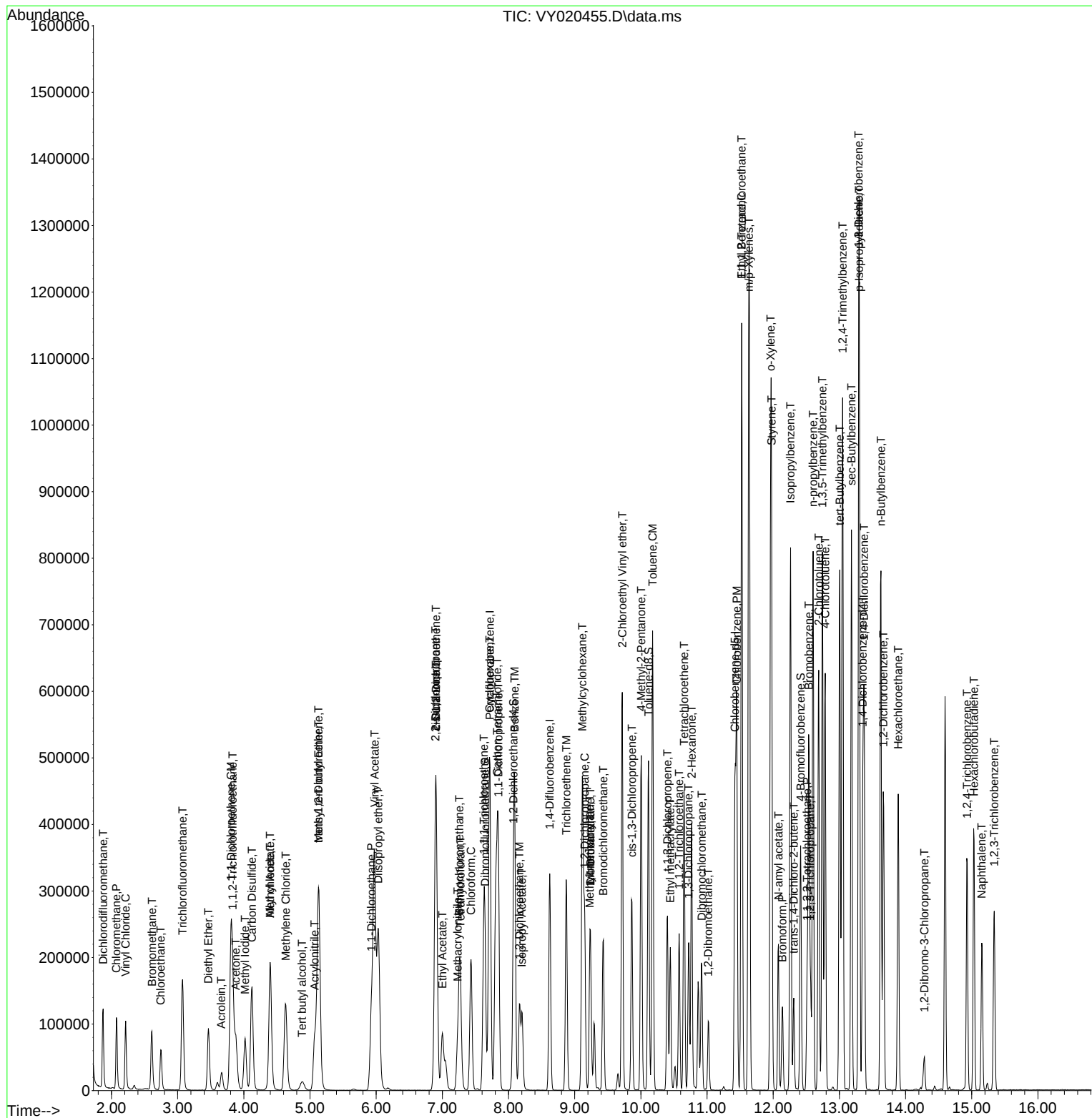
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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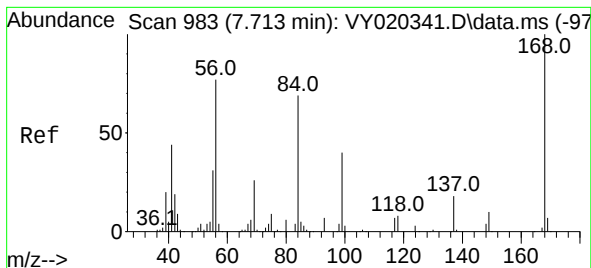
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

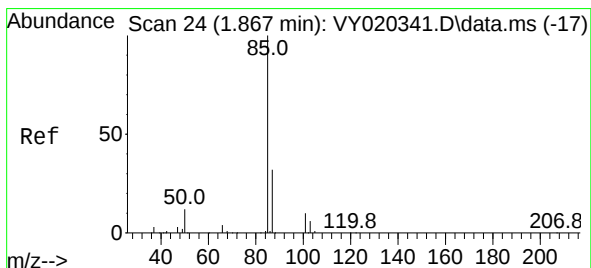
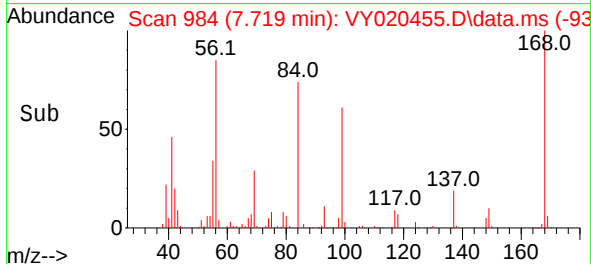
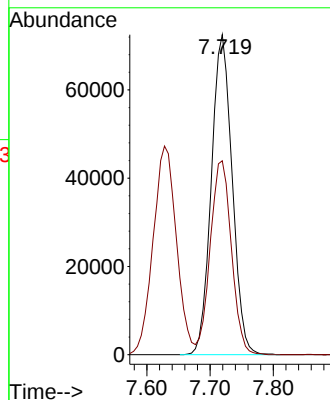
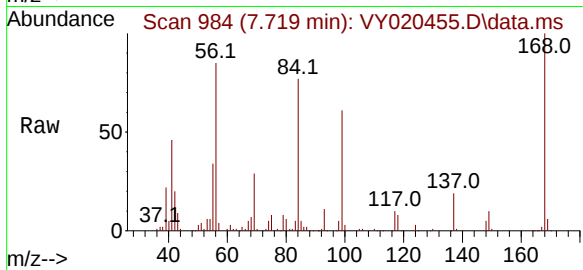
VSTDCCC050

Tgt Ion:168 Resp: 165766

Ion Ratio Lower Upper

168 100

99 60.6 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 60.824 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.006 min

Lab File: VY020455.D

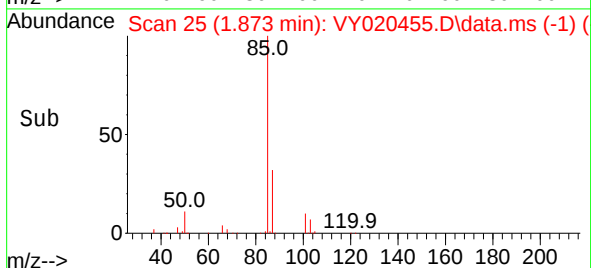
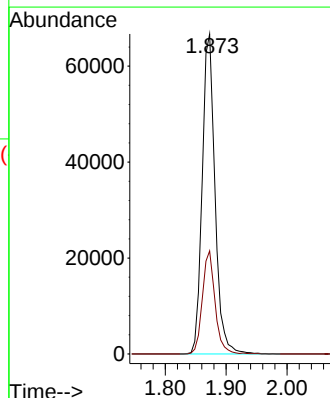
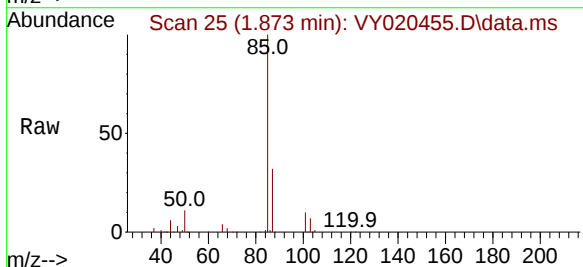
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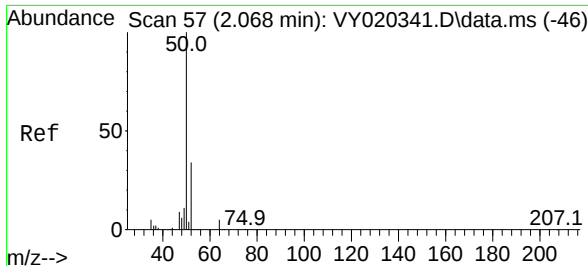
Tgt Ion: 85 Resp: 97867

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2

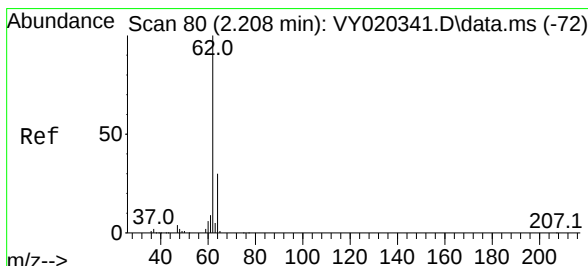
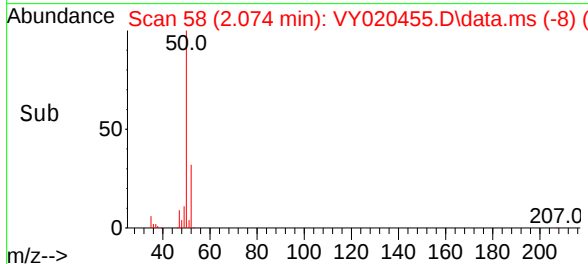
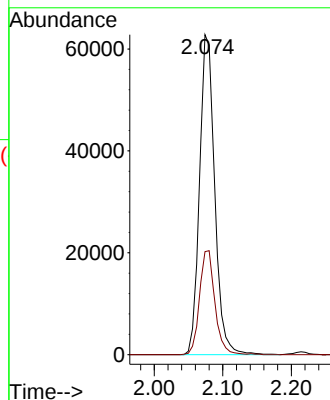
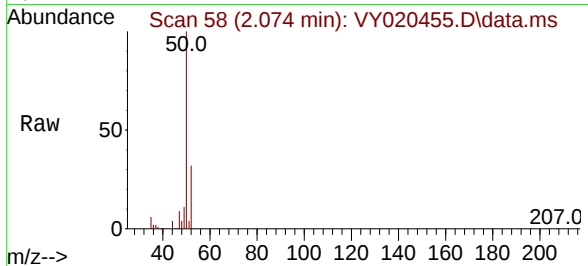




#3
Chloromethane
Concen: 45.613 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

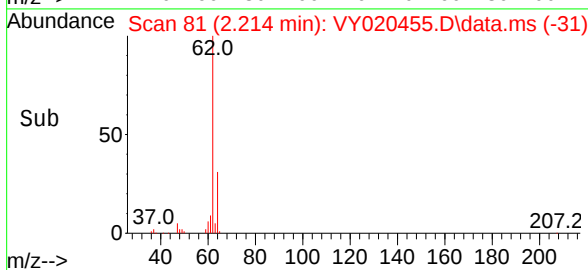
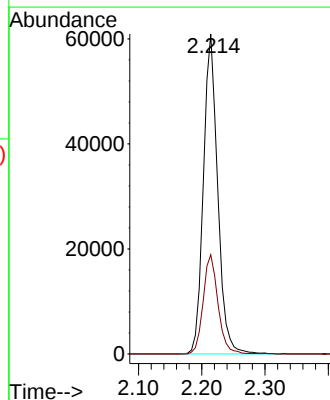
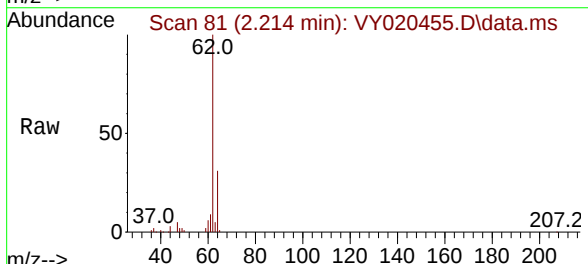
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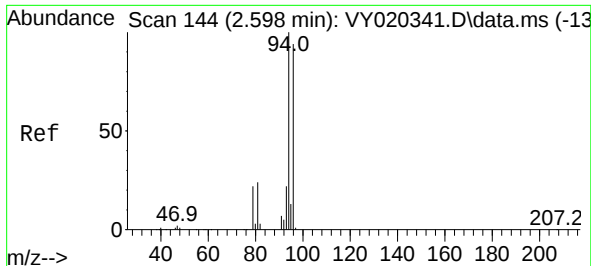
Tgt Ion: 50 Resp: 97002
Ion Ratio Lower Upper
50 100
52 32.2 26.9 40.3



#4
Vinyl Chloride
Concen: 43.447 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 62 Resp: 95905
Ion Ratio Lower Upper
62 100
64 31.0 24.7 37.1

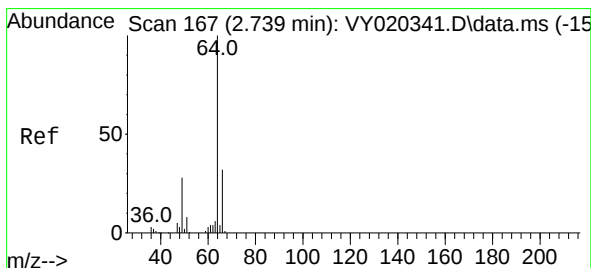
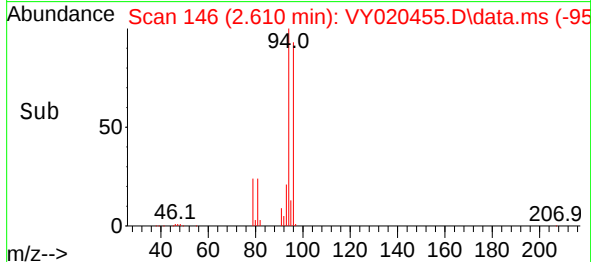
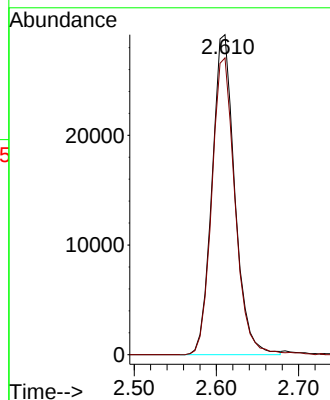
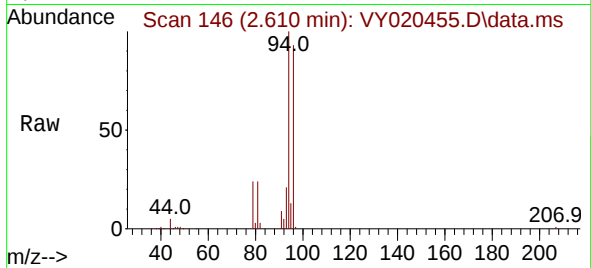




#5
Bromomethane
Concen: 50.883 ug/l
RT: 2.610 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY020455.D
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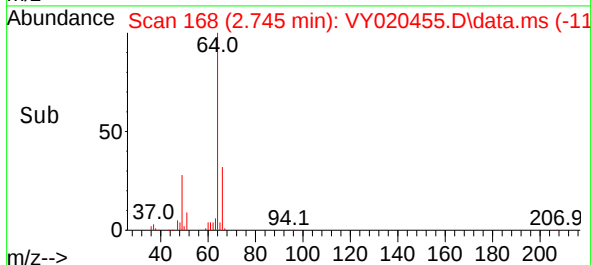
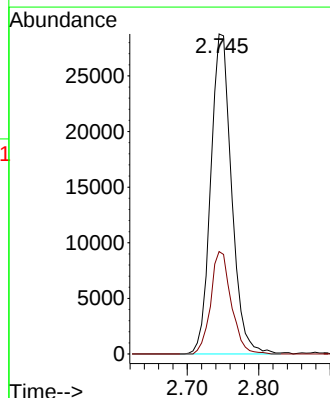
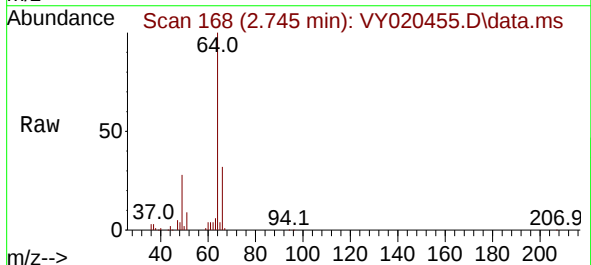
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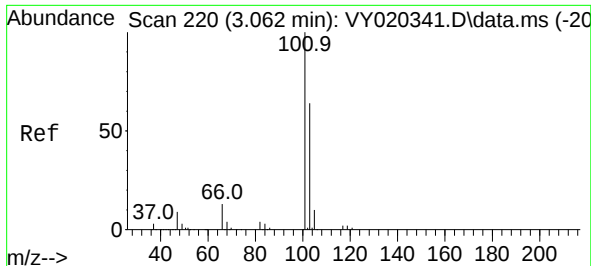
Tgt Ion: 94 Resp: 56095
Ion Ratio Lower Upper
94 100
96 92.8 75.4 113.2



#6
Chloroethane
Concen: 45.259 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 64 Resp: 58280
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5





#7

Trichlorofluoromethane

Concen: 56.173 ug/l

RT: 3.074 min Scan# 21

Delta R.T. 0.012 min

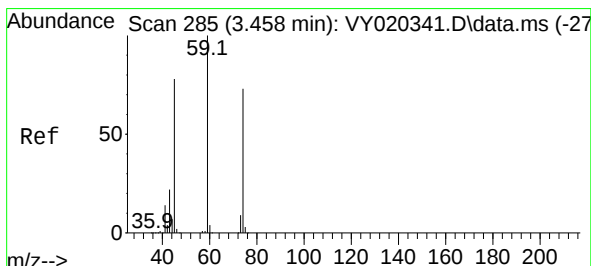
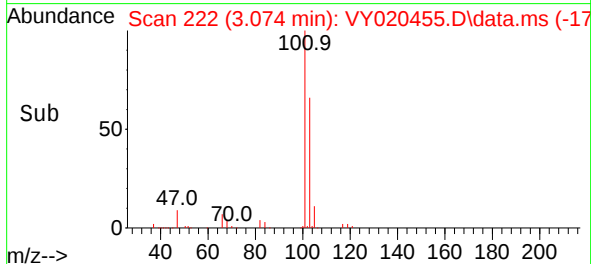
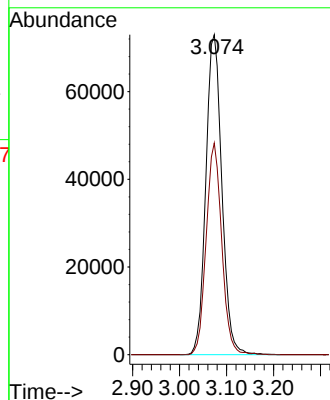
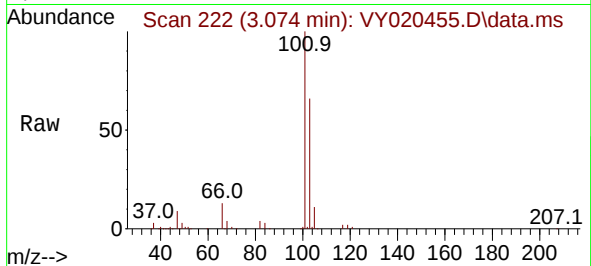
Lab File: VY020455.D

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VSTDCCC050

Tgt Ion:101 Resp: 172308

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.5	77.3



#8

Diethyl Ether

Concen: 51.428 ug/l

RT: 3.464 min Scan# 286

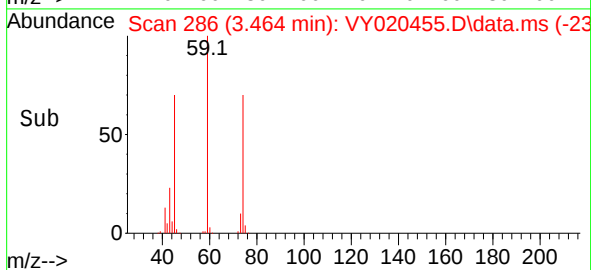
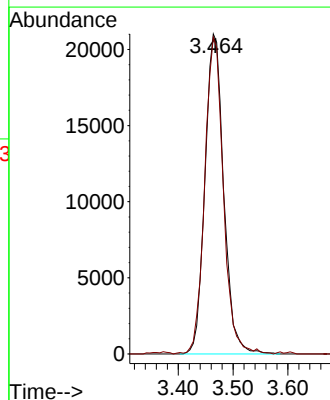
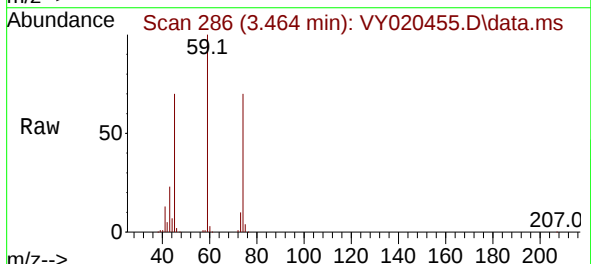
Delta R.T. 0.006 min

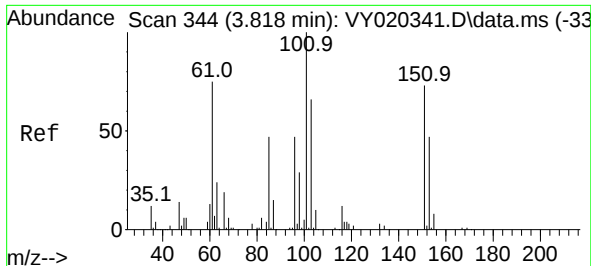
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Acq: 27 Nov 2024 10:28

Tgt Ion: 74 Resp: 49774

Ion	Ratio	Lower	Upper
74	100		
45	98.5	53.6	160.8

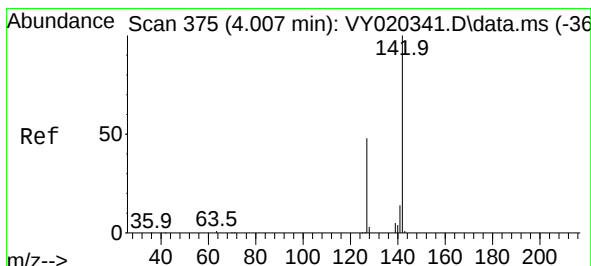
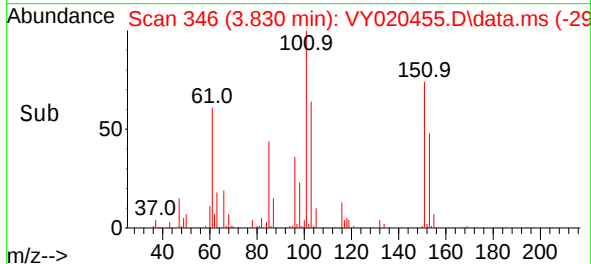
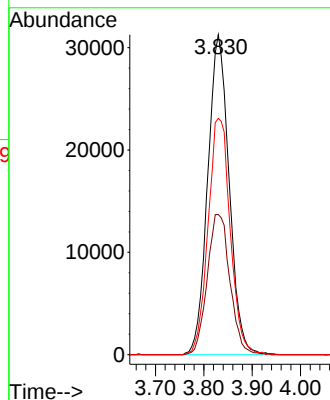
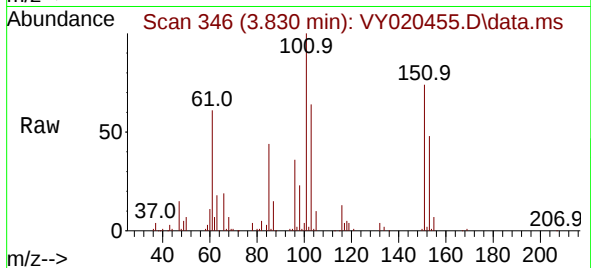




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.551 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

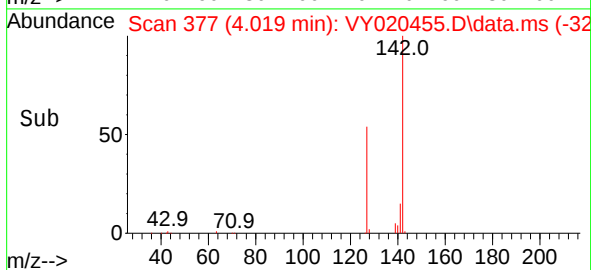
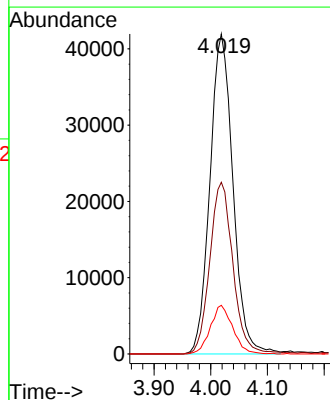
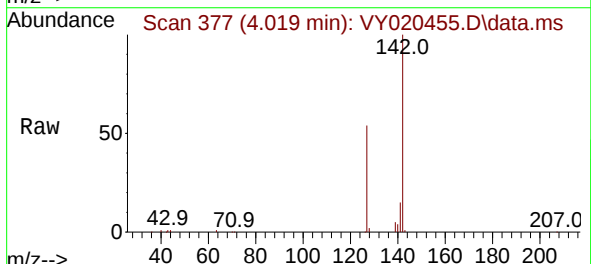
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

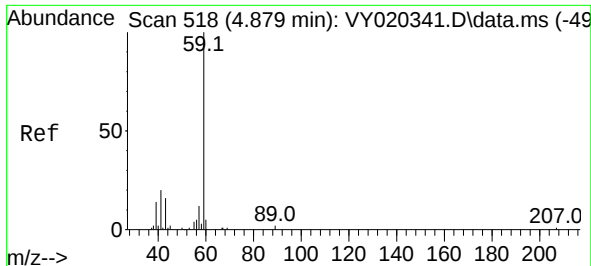
Tgt Ion:101 Resp: 96000
Ion Ratio Lower Upper
101 100
85 46.5 38.0 57.0
151 76.6 59.6 89.4



#10
Methyl Iodide
Concen: 48.308 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion:142 Resp: 118206
Ion Ratio Lower Upper
142 100
127 54.1 38.9 58.3
141 14.8 11.7 17.5

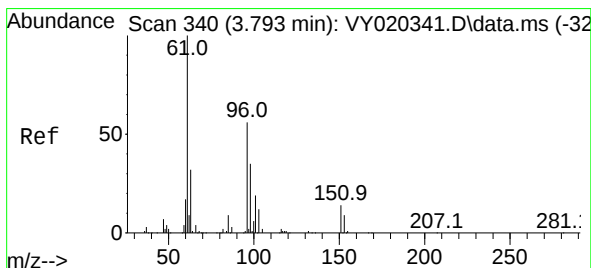
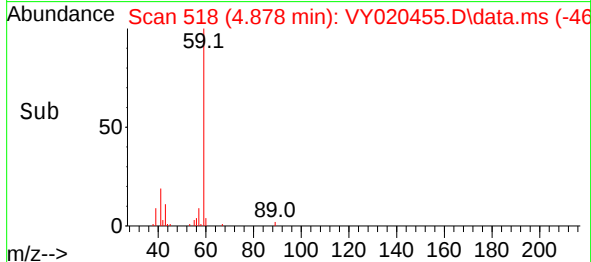
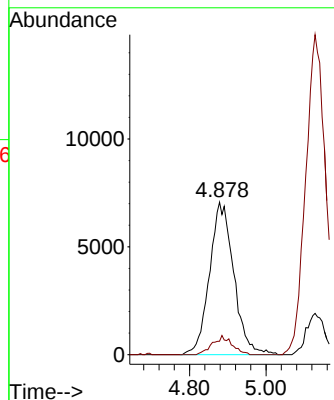
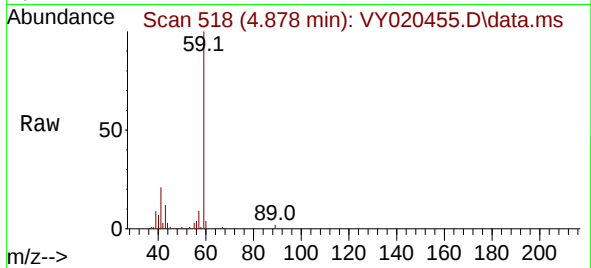




#11
Tert butyl alcohol
Concen: 221.365 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

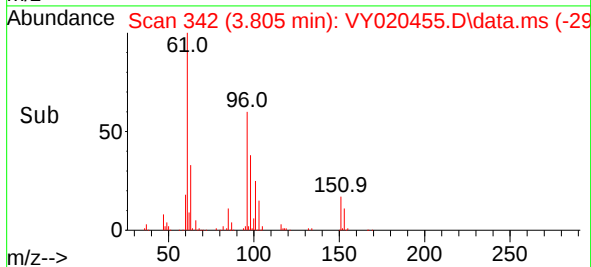
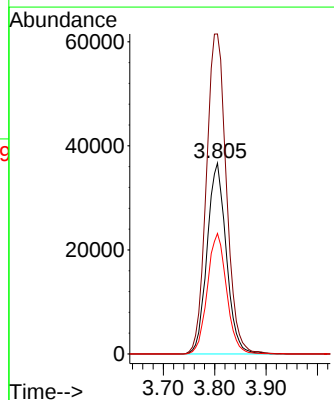
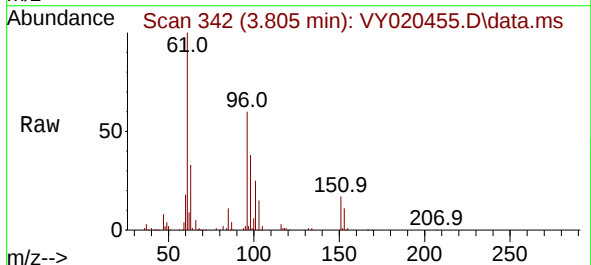
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

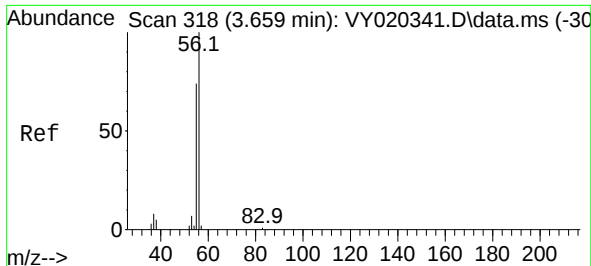
Tgt Ion: 59 Resp: 31145
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.468 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 96 Resp: 94878
Ion Ratio Lower Upper
96 100
61 167.6 143.3 214.9
98 63.1 49.8 74.8





#13

Acrolein

Concen: 272.848 ug/l

RT: 3.659 min Scan# 318

Delta R.T. -0.000 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

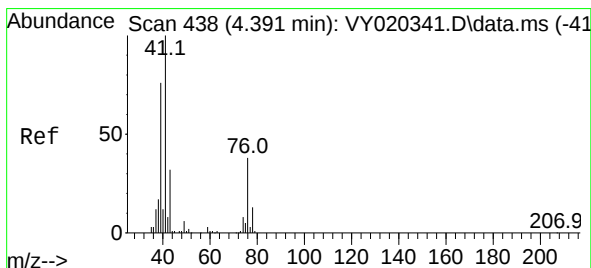
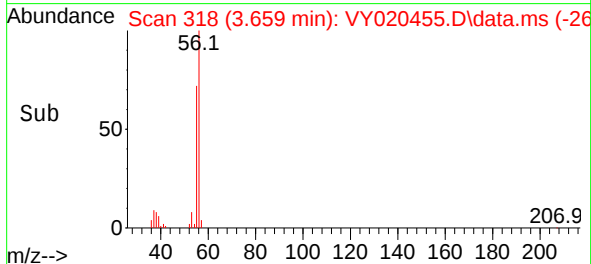
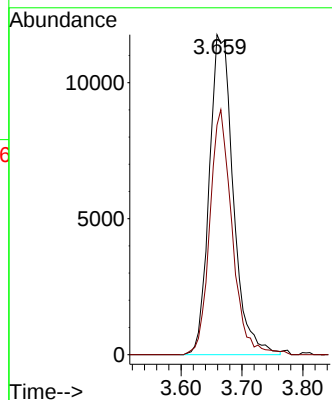
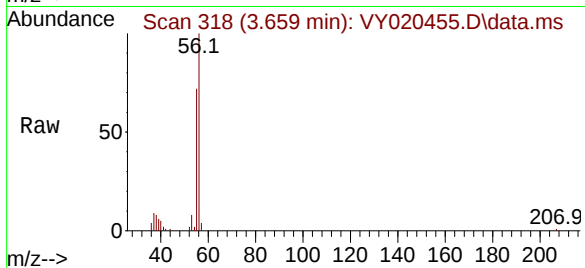
VSTDCCC050

Tgt Ion: 56 Resp: 32176

Ion Ratio Lower Upper

56 100

55 71.2 57.7 86.5



#14

Allyl chloride

Concen: 48.503 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

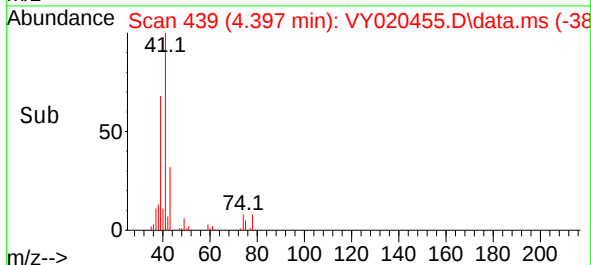
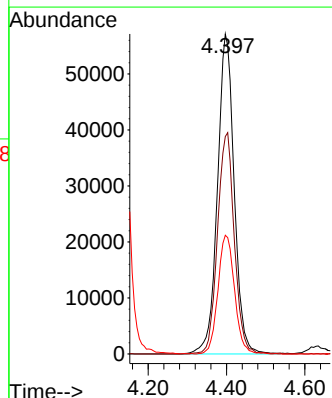
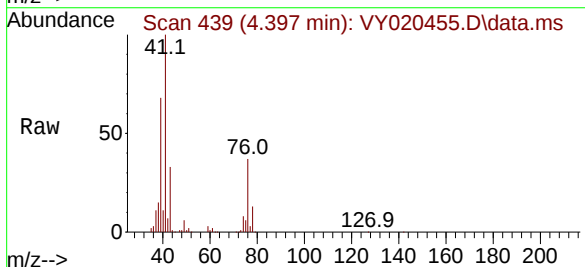
Tgt Ion: 41 Resp: 169604

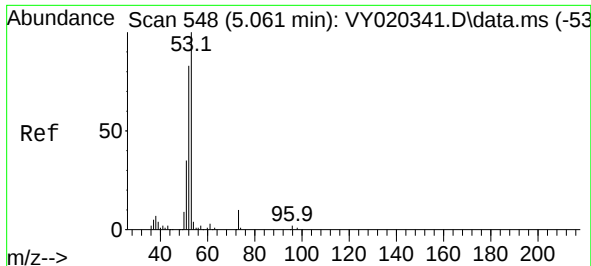
Ion Ratio Lower Upper

41 100

39 69.2 58.8 88.2

76 36.9 29.7 44.5

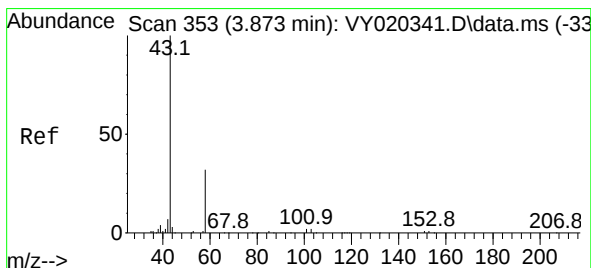
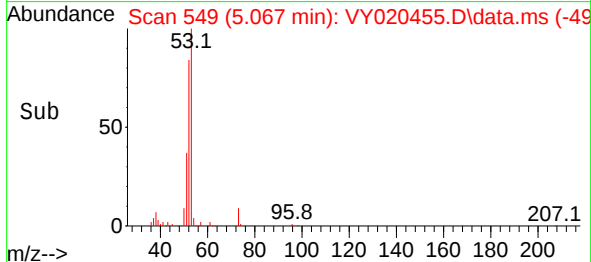
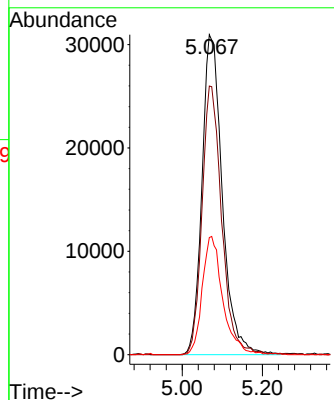
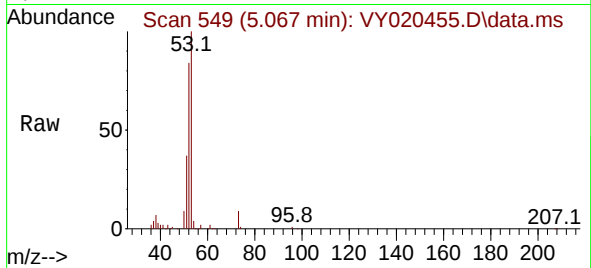




#15
Acrylonitrile
Concen: 254.904 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

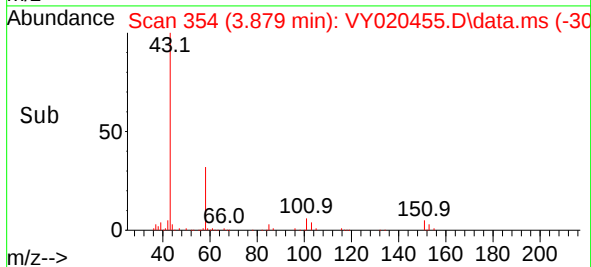
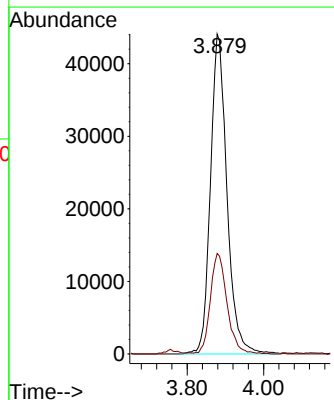
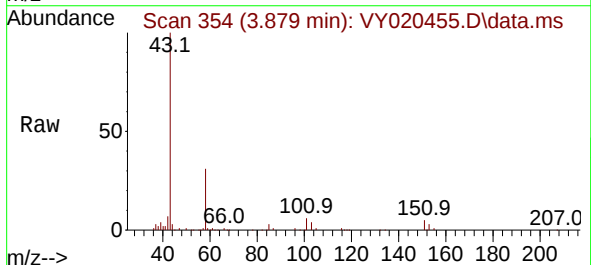
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

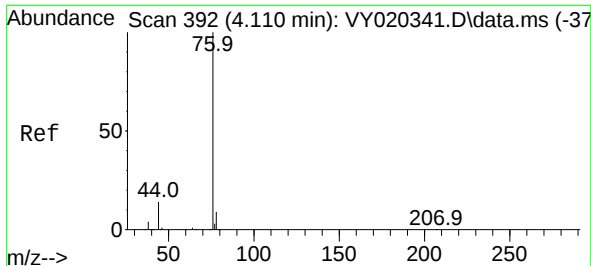
Tgt Ion: 53 Resp: 109057
Ion Ratio Lower Upper
53 100
52 81.1 65.2 97.8
51 37.3 30.2 45.4



#16
Acetone
Concen: 289.586 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 43 Resp: 132212
Ion Ratio Lower Upper
43 100
58 31.4 25.7 38.5

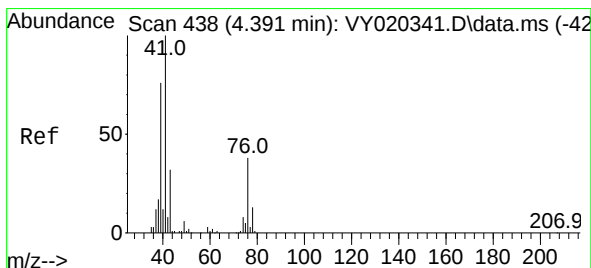
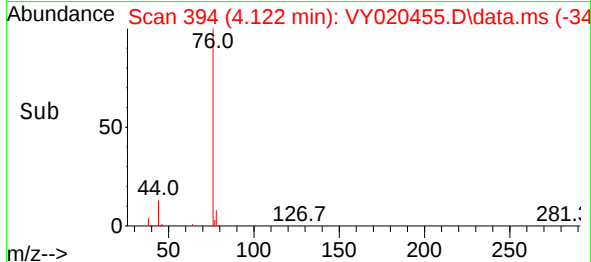
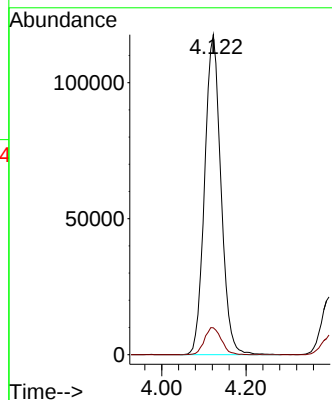
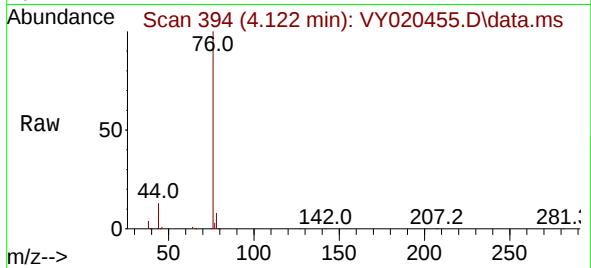




#17
Carbon Disulfide
Concen: 51.977 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

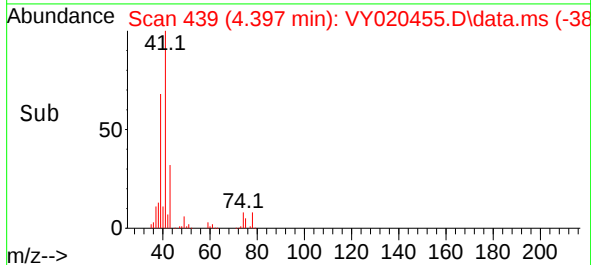
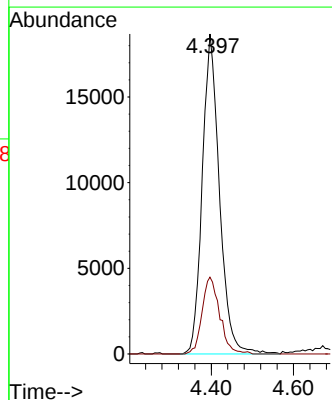
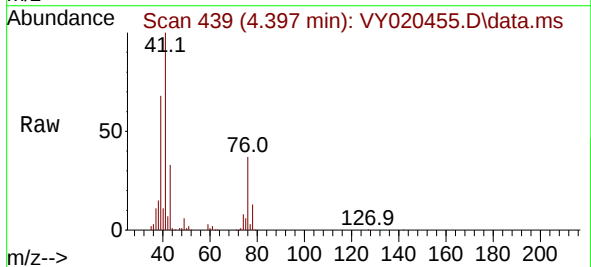
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

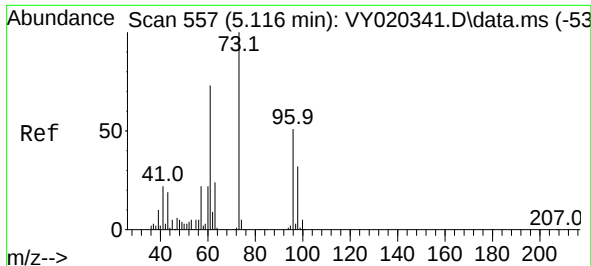
Tgt Ion: 76 Resp: 316659
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 50.937 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 43 Resp: 54209
Ion Ratio Lower Upper
43 100
74 24.6 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 53.304 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

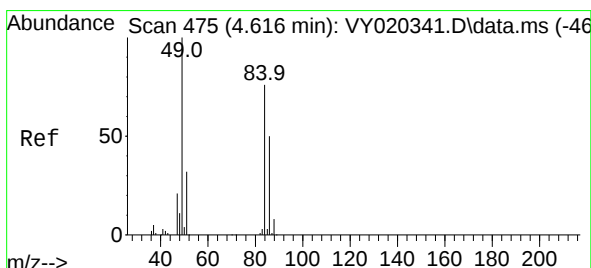
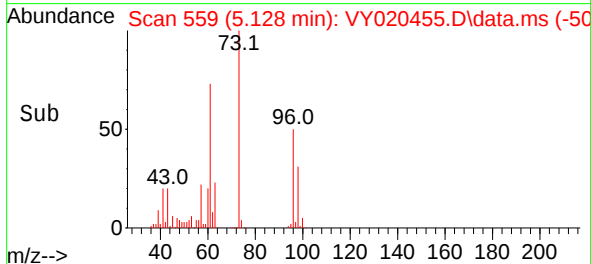
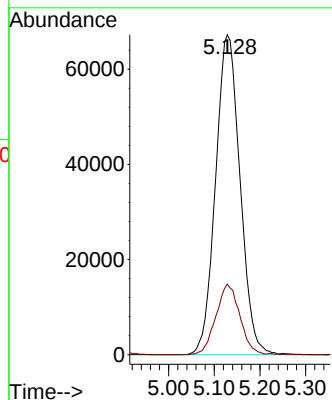
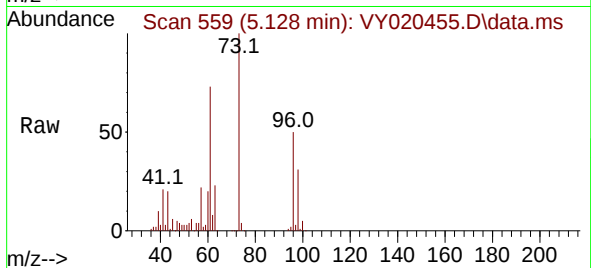
VSTDCCC050

Tgt Ion: 73 Resp: 250394

Ion Ratio Lower Upper

73 100

57 22.1 18.0 27.0



#20

Methylene Chloride

Concen: 51.247 ug/l

RT: 4.634 min Scan# 478

Delta R.T. 0.018 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Tgt Ion: 84 Resp: 99082

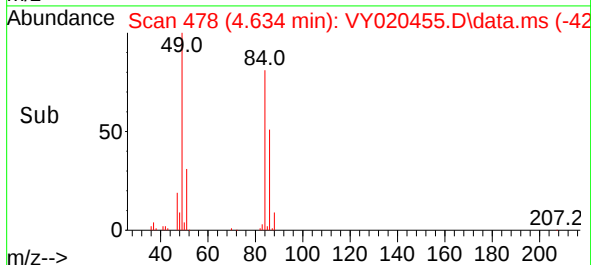
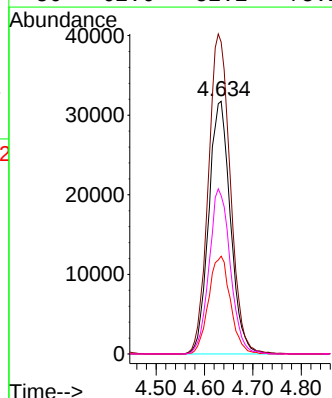
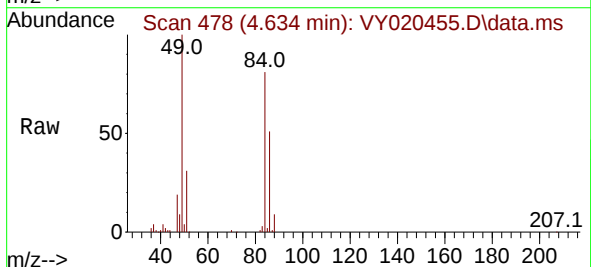
Ion Ratio Lower Upper

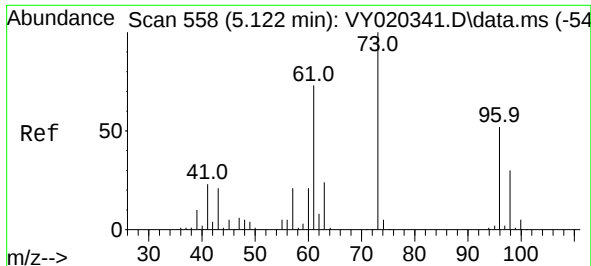
84 100

49 123.4 104.7 157.1

51 38.7 33.4 50.0

86 62.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 52.806 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

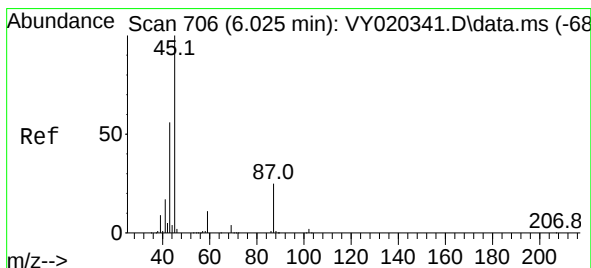
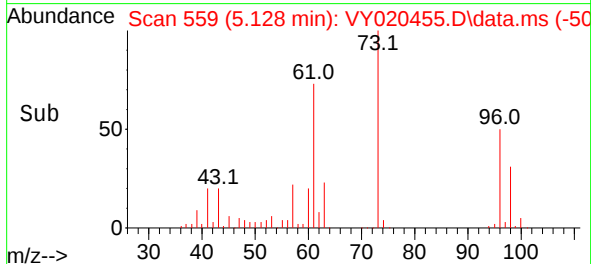
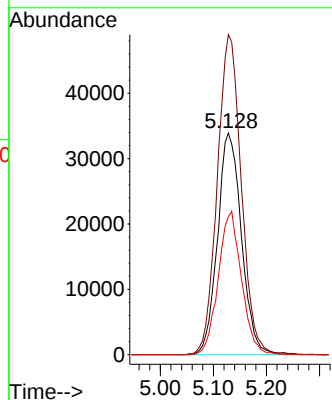
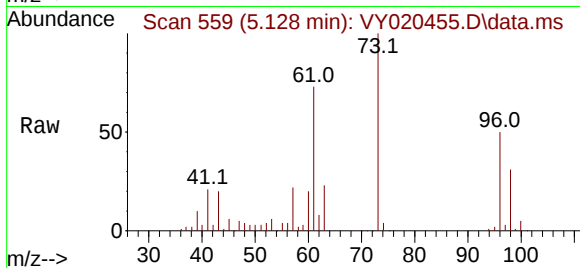
Tgt Ion: 96 Resp: 106056

Ion Ratio Lower Upper

96 100

61 144.4 111.6 167.4

98 62.2 46.7 70.1



#22

Diisopropyl ether

Concen: 48.233 ug/l

RT: 6.031 min Scan# 707

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Tgt Ion: 45 Resp: 332380

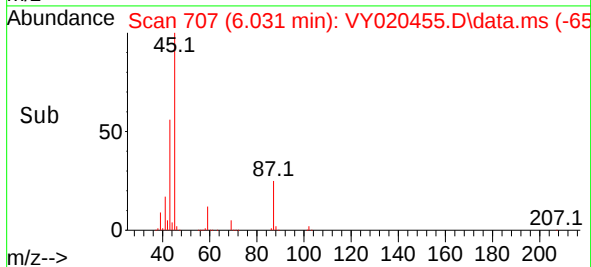
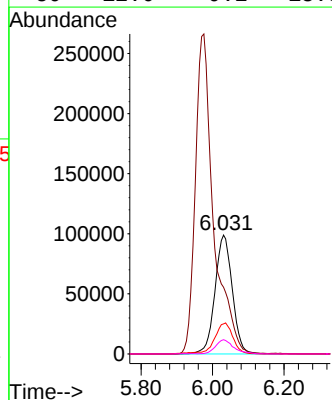
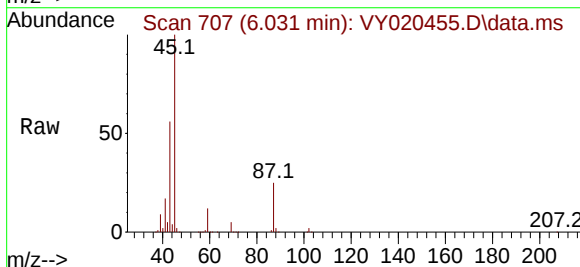
Ion Ratio Lower Upper

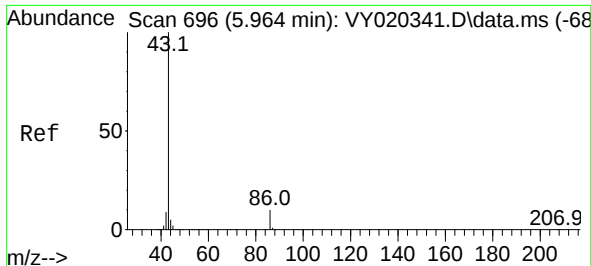
45 100

43 55.7 44.8 67.2

87 25.2 20.6 30.8

59 12.0 9.2 13.8





#23

Vinyl Acetate

Concen: 243.928 ug/l

RT: 5.976 min Scan# 696

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

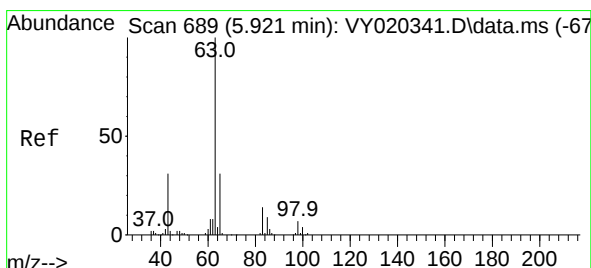
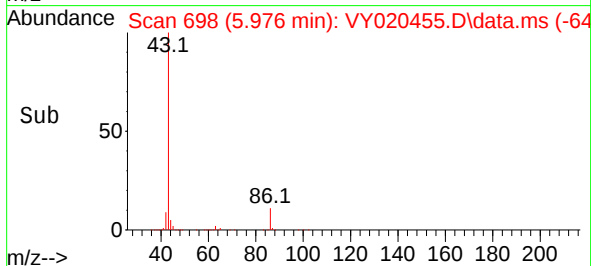
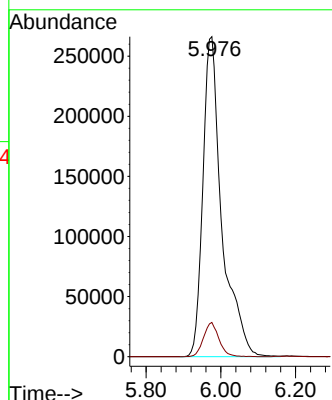
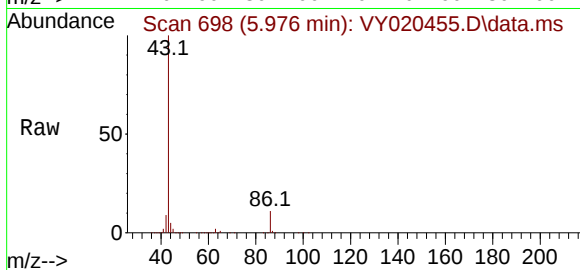
VSTDCCC050

Tgt Ion: 43 Resp: 939367

Ion Ratio Lower Upper

43 100

86 10.7 8.0 12.0



#24

1,1-Dichloroethane

Concen: 50.223 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

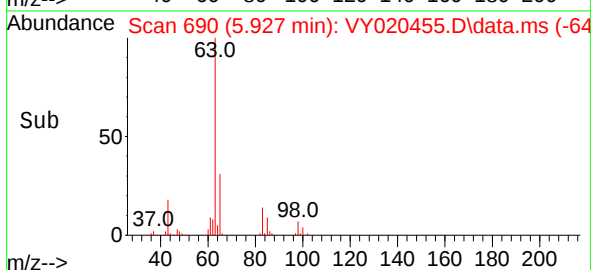
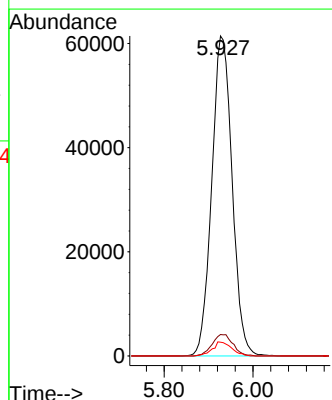
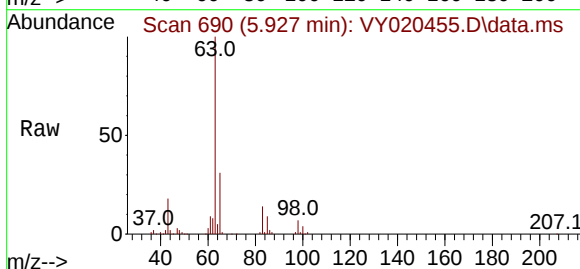
Tgt Ion: 63 Resp: 195382

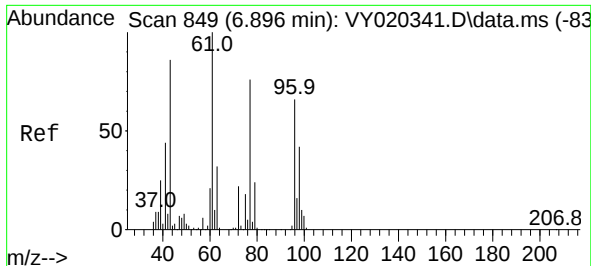
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 276.182 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

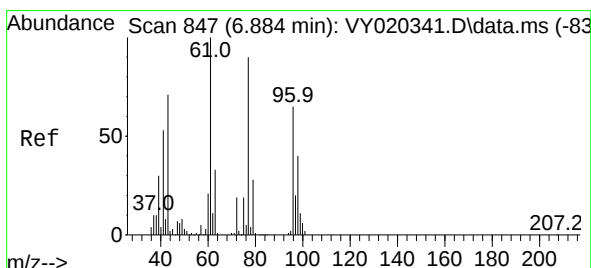
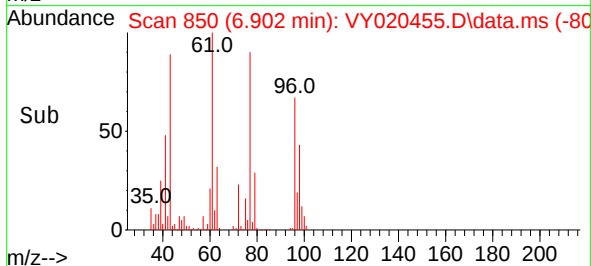
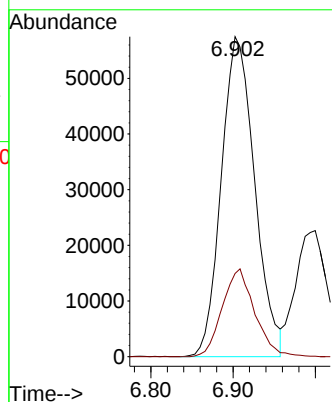
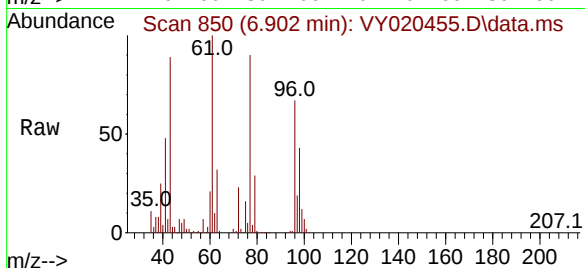
VSTDCCC050

Tgt Ion: 43 Resp: 162330

Ion Ratio Lower Upper

43 100

72 26.0 20.4 30.6



#26

2,2-Dichloropropane

Concen: 56.248 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020455.D

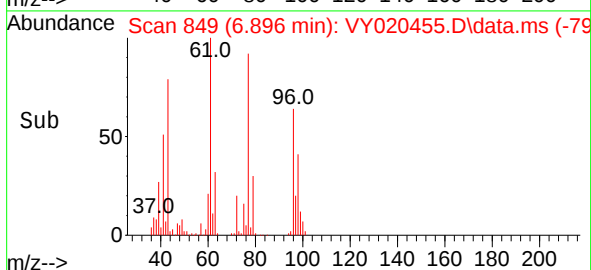
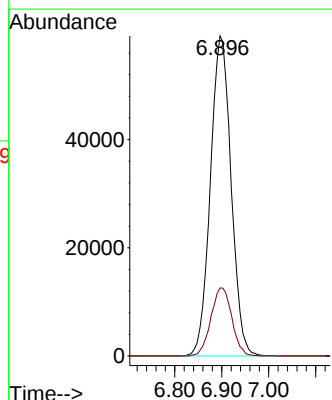
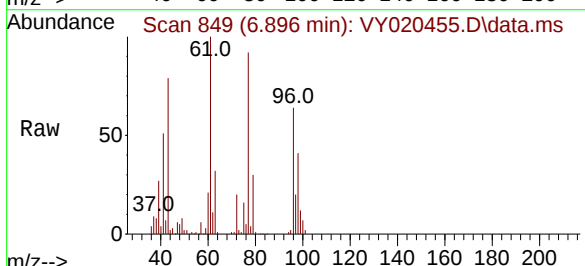
Acq: 27 Nov 2024 10:28

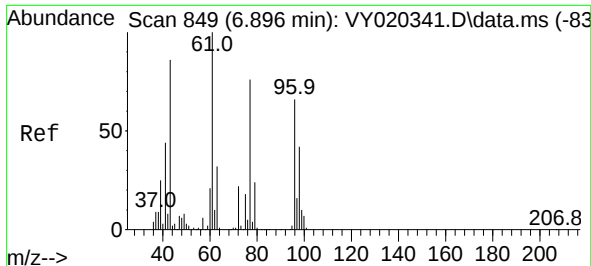
Tgt Ion: 77 Resp: 180860

Ion Ratio Lower Upper

77 100

97 21.5 10.9 32.7

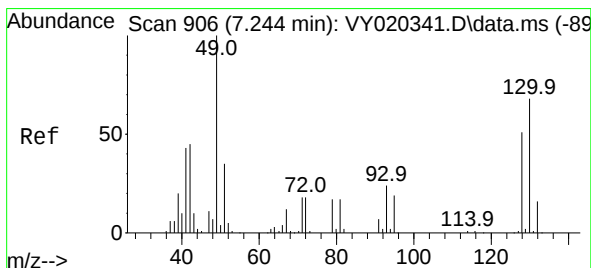
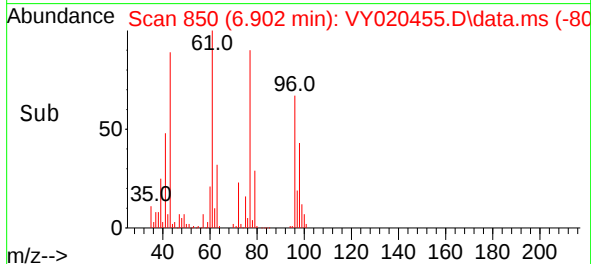
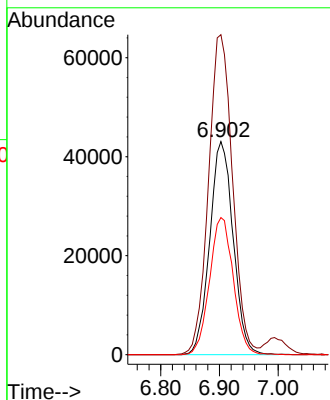
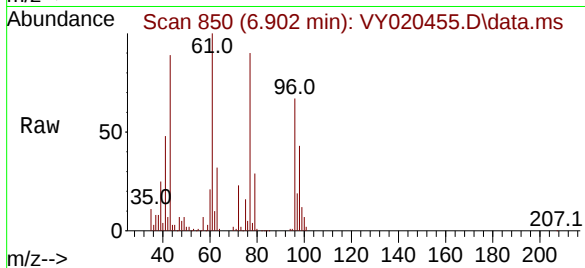




#27
cis-1,2-Dichloroethene
Concen: 53.962 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

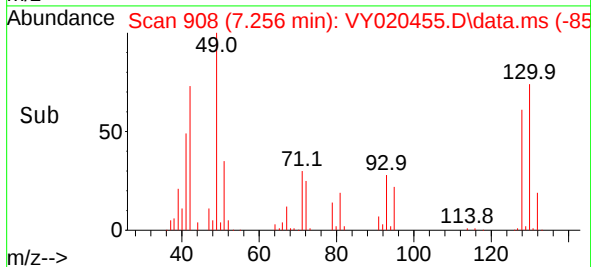
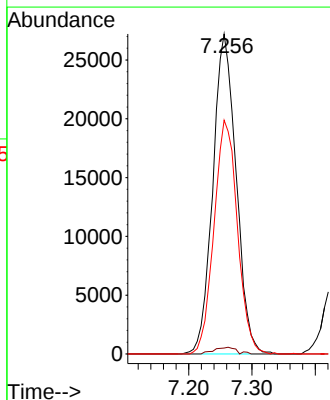
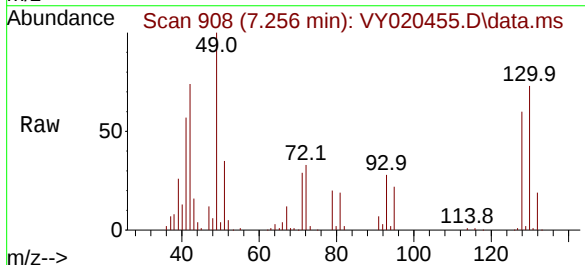
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

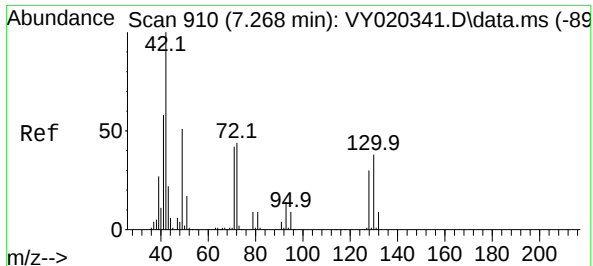
Tgt Ion: 96 Resp: 119373
Ion Ratio Lower Upper
96 100
61 153.9 0.0 312.4
98 65.2 0.0 126.8



#28
Bromochloromethane
Concen: 42.464 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 49 Resp: 69527
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 73.4 55.0 82.6





#29

Tetrahydrofuran

Concen: 250.652 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

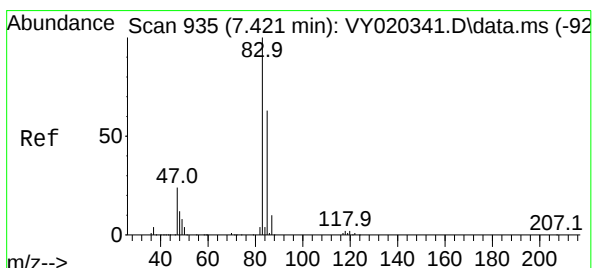
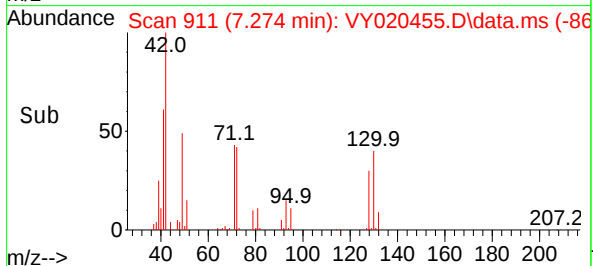
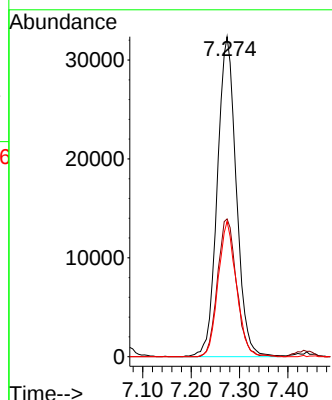
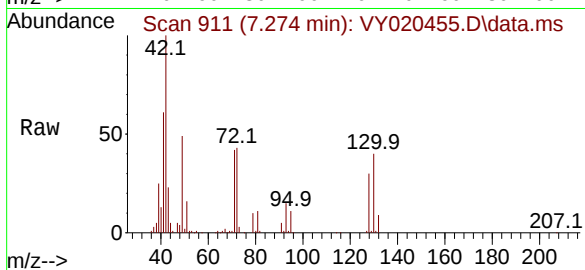
Tgt Ion: 42 Resp: 88052

Ion Ratio Lower Upper

42 100

72 43.3 33.4 50.0

71 40.7 31.9 47.9



#30

Chloroform

Concen: 52.535 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY020455.D

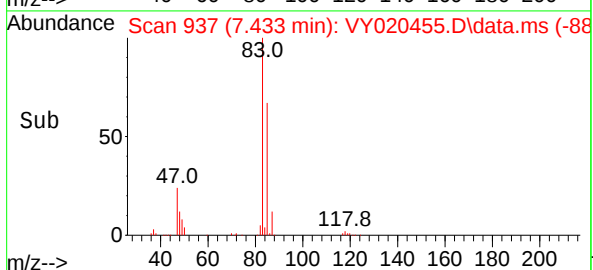
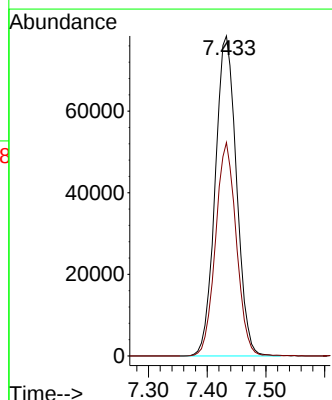
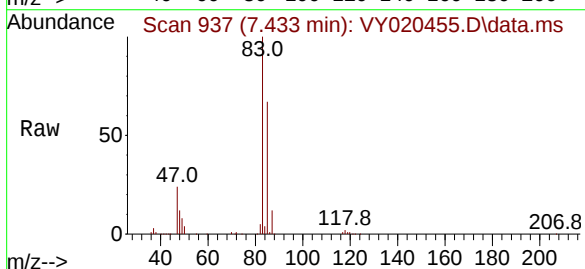
Acq: 27 Nov 2024 10:28

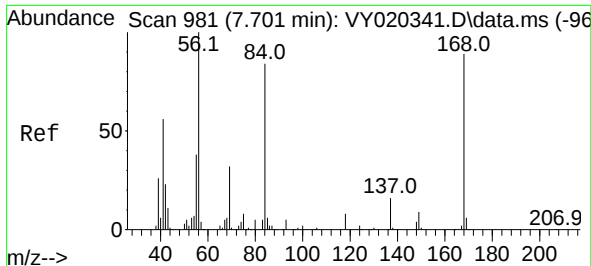
Tgt Ion: 83 Resp: 197354

Ion Ratio Lower Upper

83 100

85 66.7 50.3 75.5

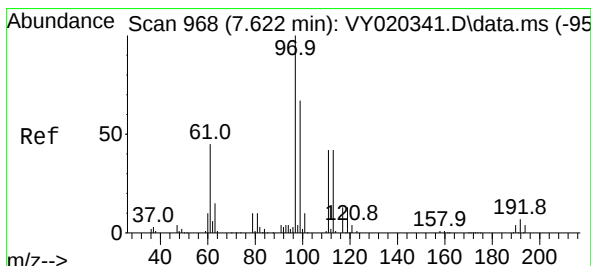
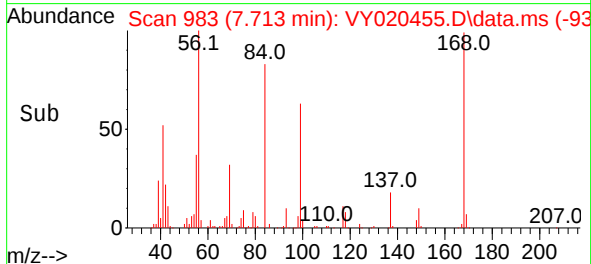
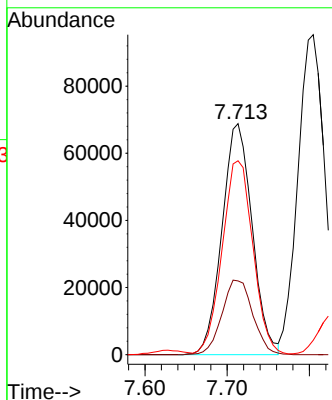
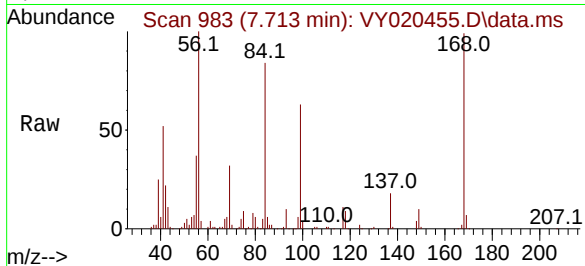




#31
Cyclohexane
Concen: 49.528 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

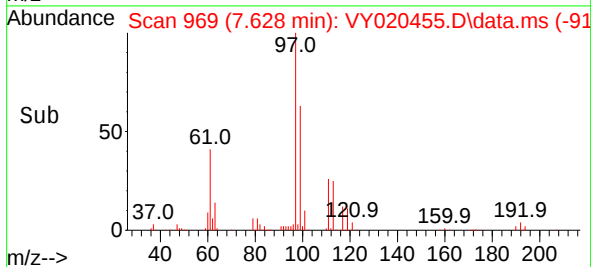
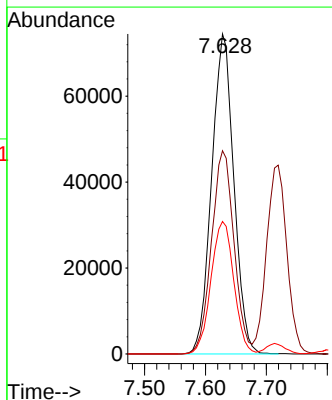
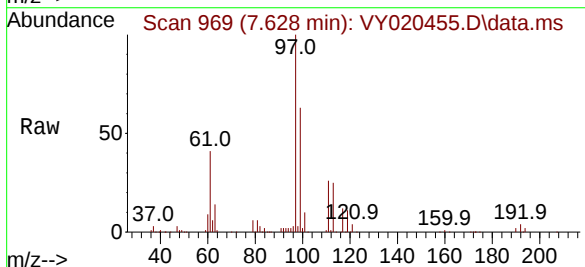
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

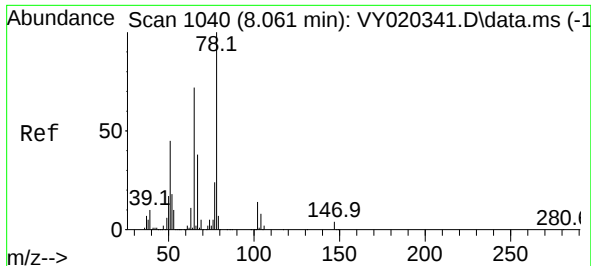
Tgt Ion: 56 Resp: 175832
Ion Ratio Lower Upper
56 100
69 31.9 25.3 37.9
84 82.3 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 57.087 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 97 Resp: 188303
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 42.7 37.1 55.7

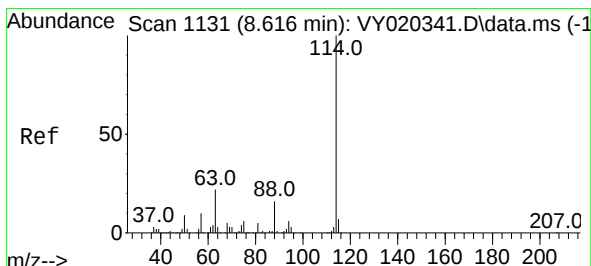
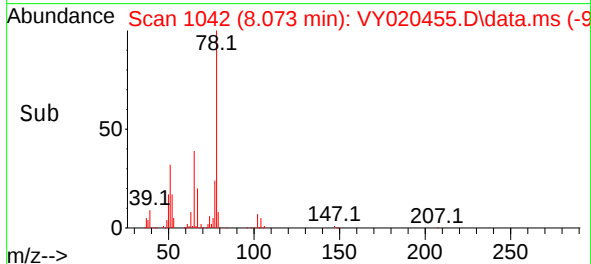
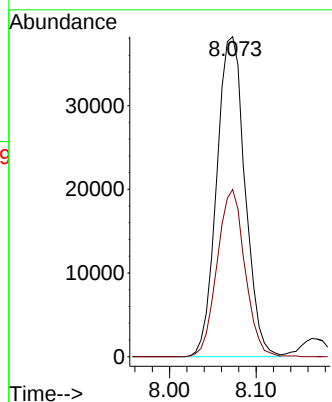
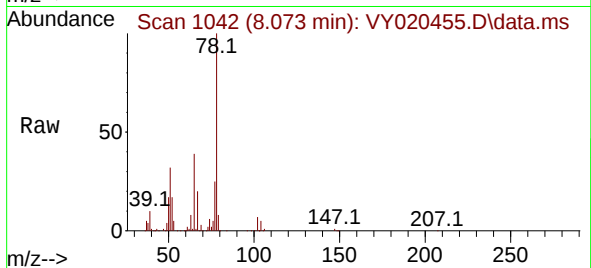




#33
1,2-Dichloroethane-d4
Concen: 45.577 ug/l
RT: 8.073 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

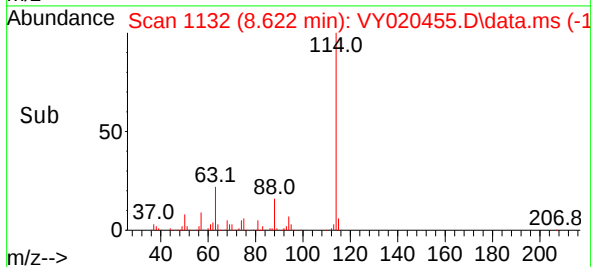
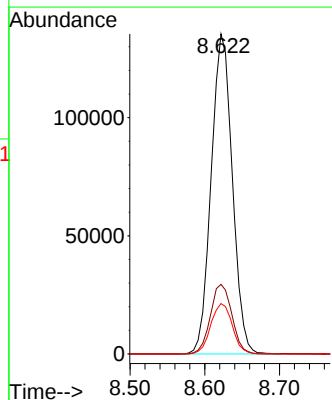
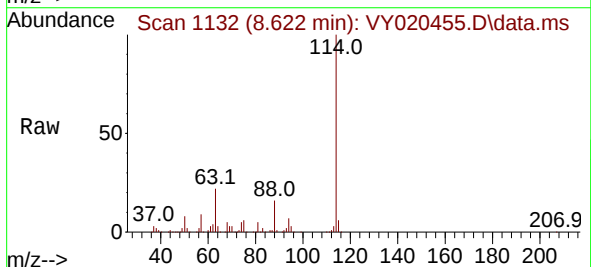
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

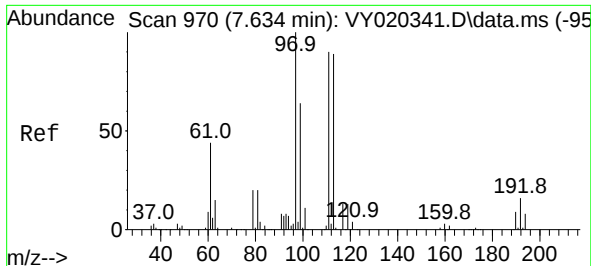
Tgt Ion: 65 Resp: 86800
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 114 Resp: 266214
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.8
88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.429 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

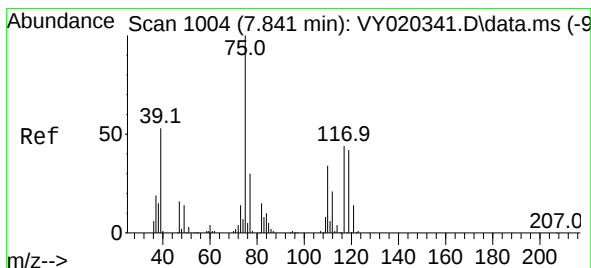
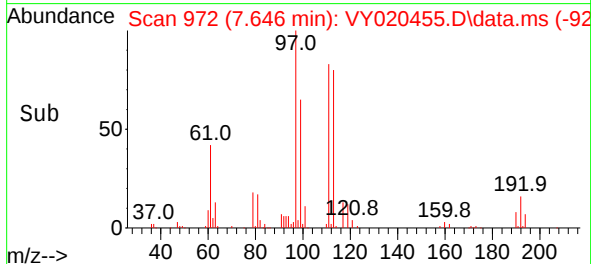
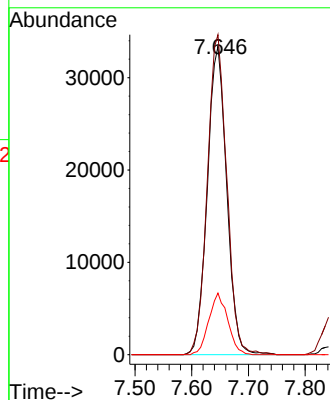
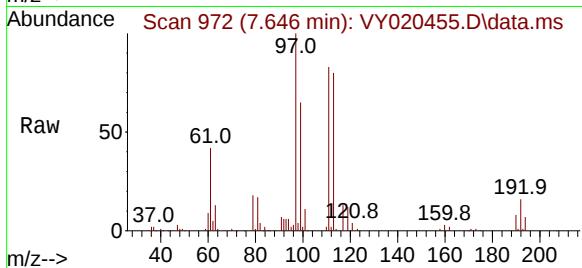
Tgt Ion:113 Resp: 79256

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.5 15.1 22.7



#36

1,1-Dichloropropene

Concen: 56.709 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

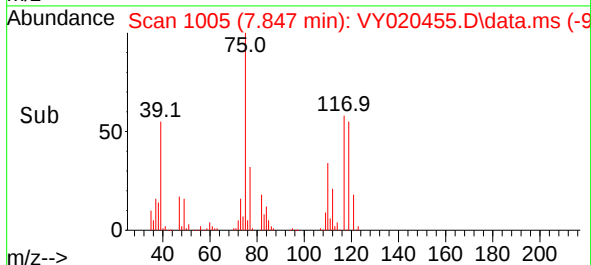
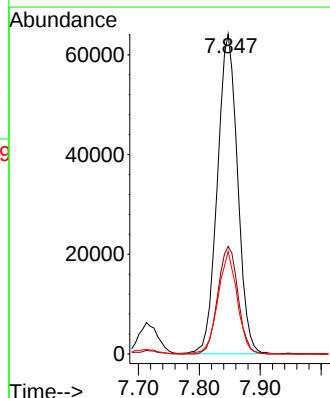
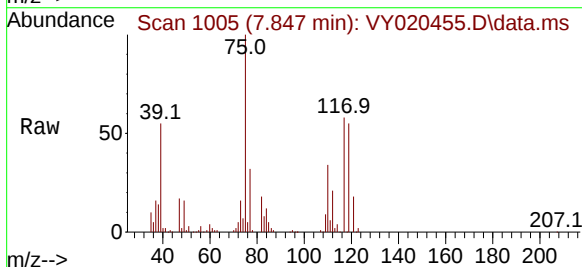
Tgt Ion: 75 Resp: 147856

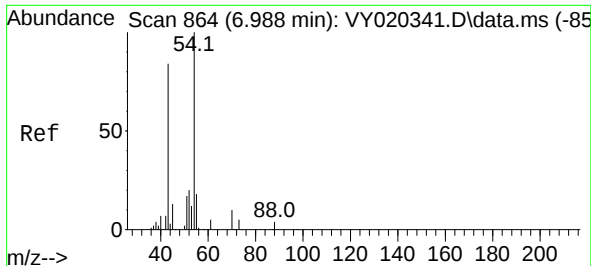
Ion Ratio Lower Upper

75 100

110 33.6 16.7 50.0

77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 53.738 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

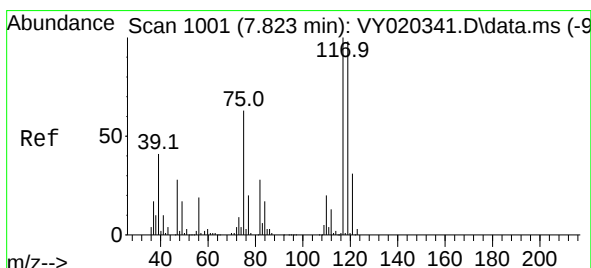
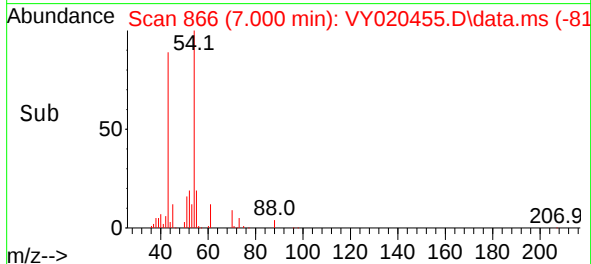
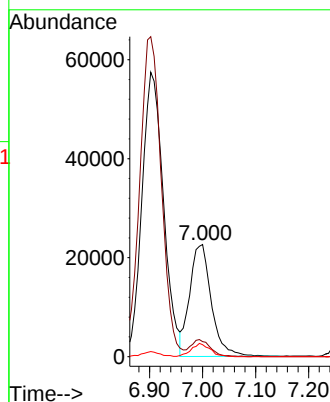
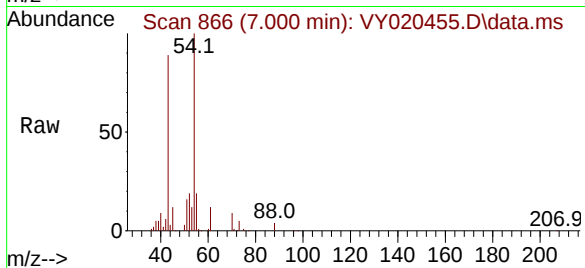
Tgt Ion: 43 Resp: 64183

Ion Ratio Lower Upper

43 100

61 14.3 10.7 16.1

70 10.3 7.3 10.9



#38

Carbon Tetrachloride

Concen: 64.881 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

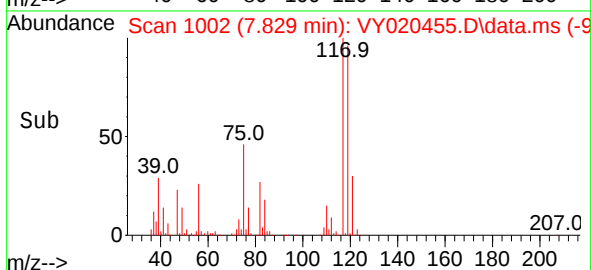
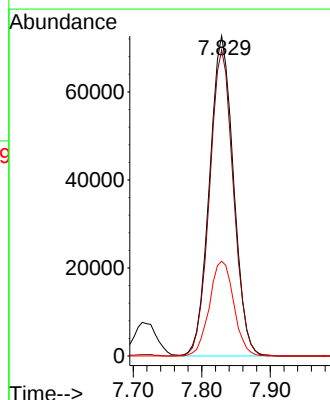
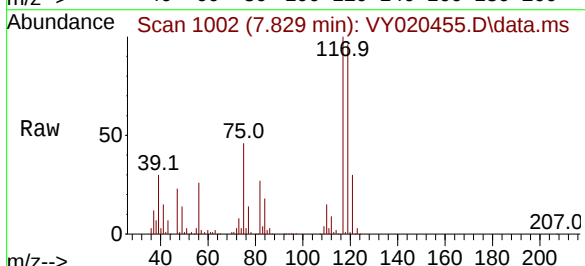
Tgt Ion:117 Resp: 176623

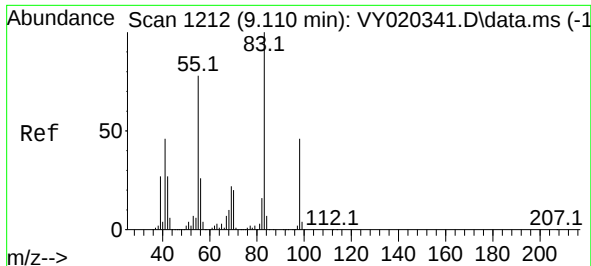
Ion Ratio Lower Upper

117 100

119 95.6 77.8 116.6

121 29.6 24.6 37.0





#39

Methylcyclohexane

Concen: 57.981 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

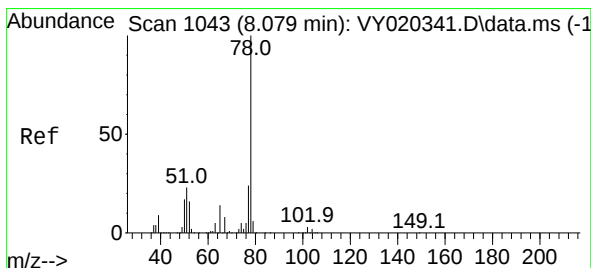
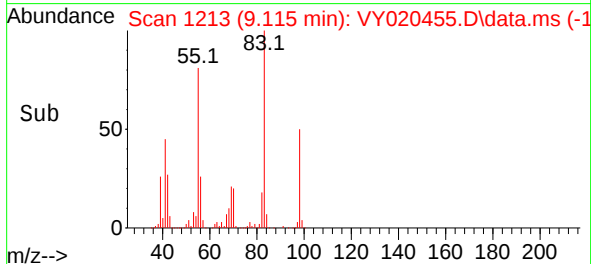
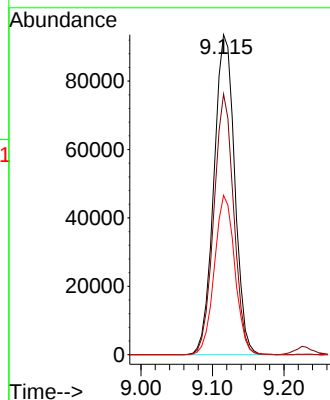
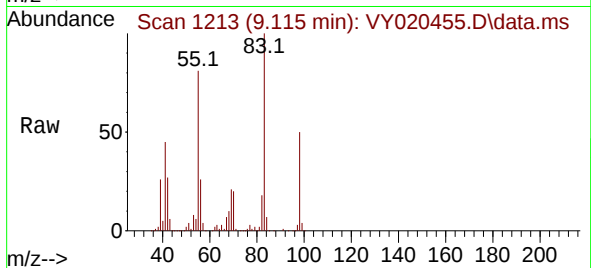
Tgt Ion: 83 Resp: 189193

Ion Ratio Lower Upper

83 100

55 81.4 62.6 93.8

98 49.8 37.0 55.4



#40

Benzene

Concen: 56.517 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY020455.D

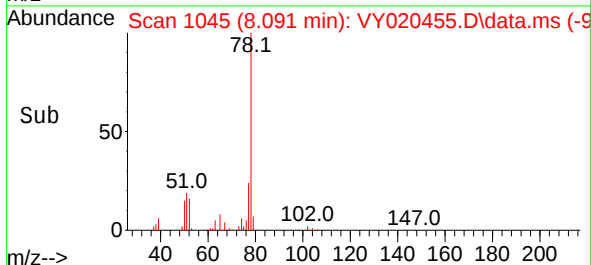
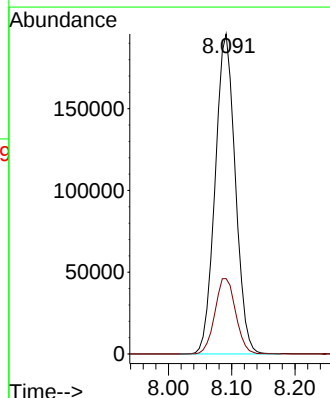
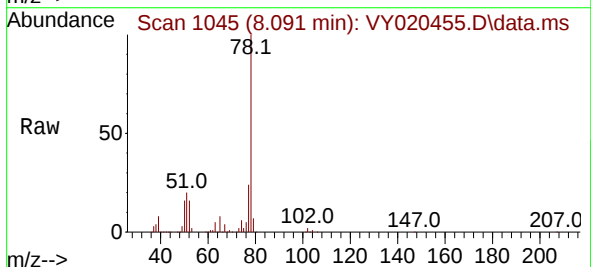
Acq: 27 Nov 2024 10:28

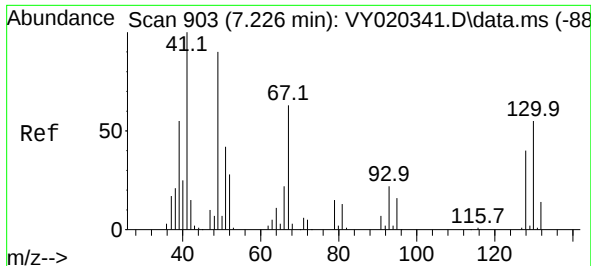
Tgt Ion: 78 Resp: 431835

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0





#41

Methacrylonitrile

Concen: 51.356 ug/l

RT: 7.232 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 34901

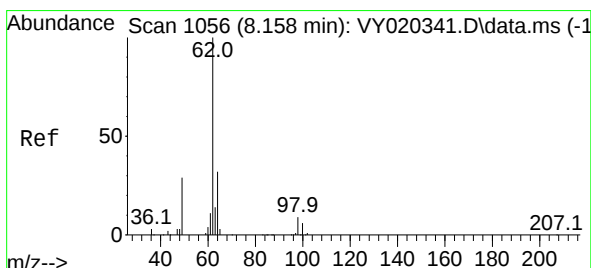
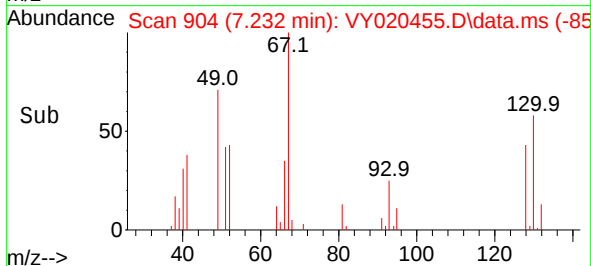
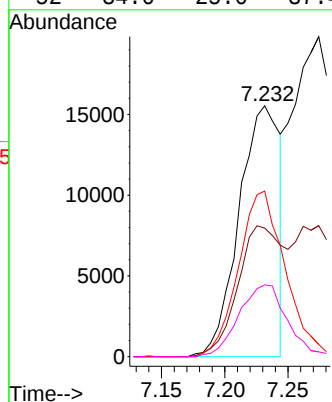
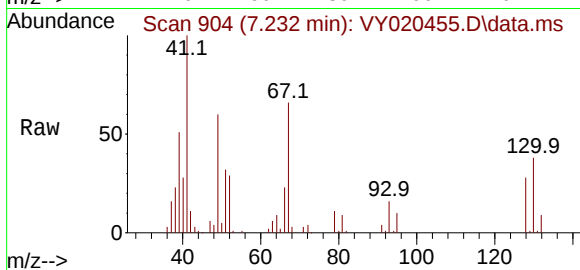
Ion Ratio Lower Upper

41 100

39 59.7 49.0 73.4

67 75.4 57.1 85.7

52 34.0 25.0 37.4



#42

1,2-Dichloroethane

Concen: 59.144 ug/l

RT: 8.164 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VY020455.D

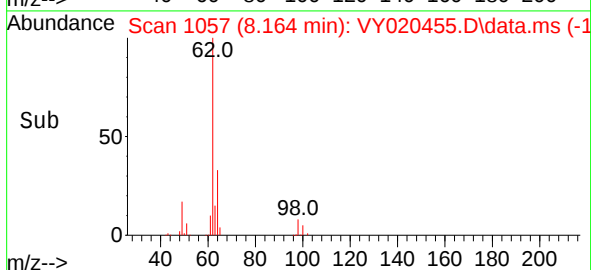
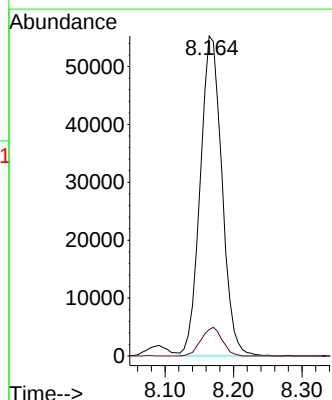
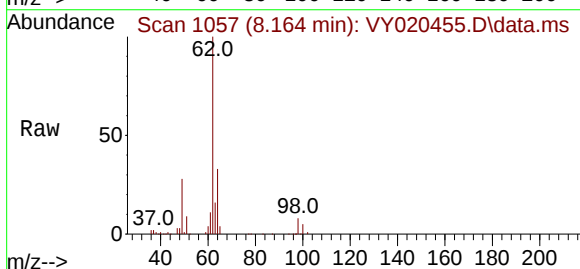
Acq: 27 Nov 2024 10:28

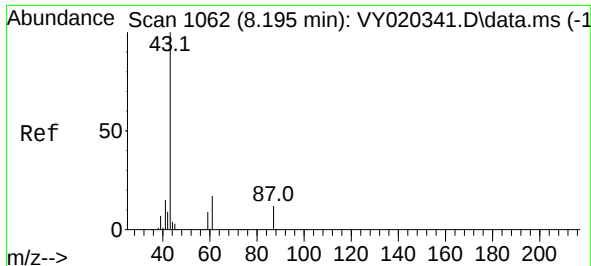
Tgt Ion: 62 Resp: 121979

Ion Ratio Lower Upper

62 100

98 8.7 0.0 18.0





#43

Isopropyl Acetate

Concen: 55.318 ug/l

RT: 8.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

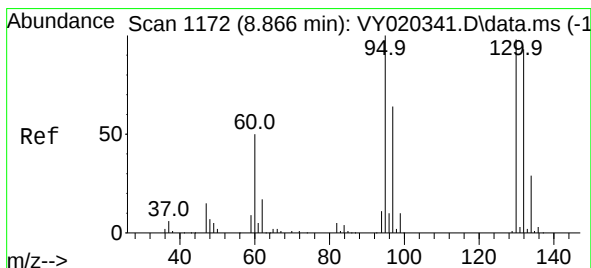
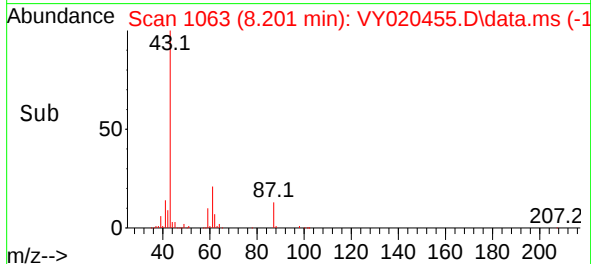
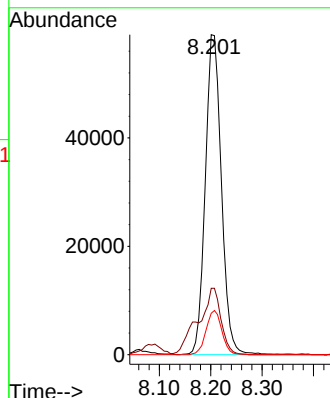
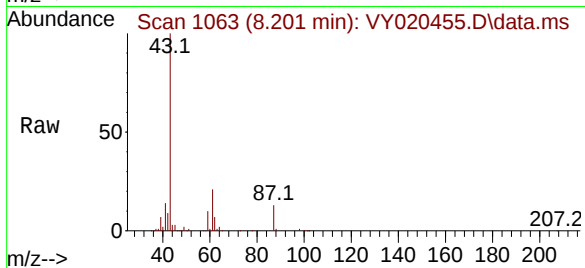
Tgt Ion: 43 Resp: 128487

Ion Ratio Lower Upper

43 100

61 29.6 22.8 34.2

87 13.5 9.6 14.4



#44

Trichloroethene

Concen: 59.113 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY020455.D

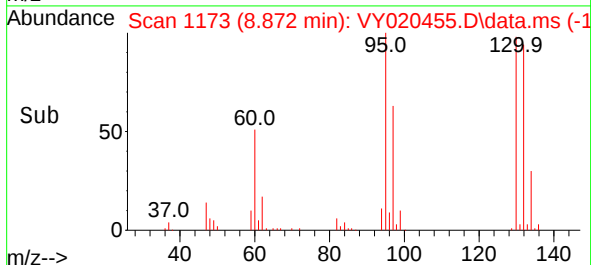
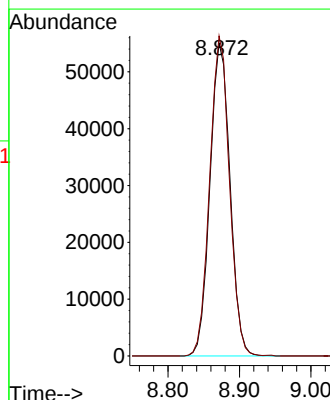
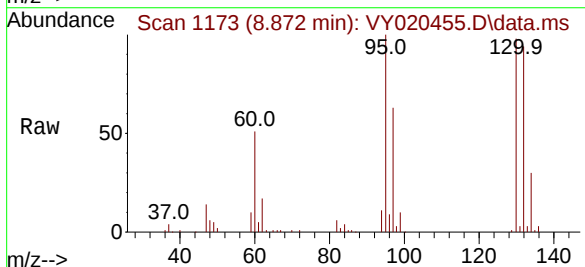
Acq: 27 Nov 2024 10:28

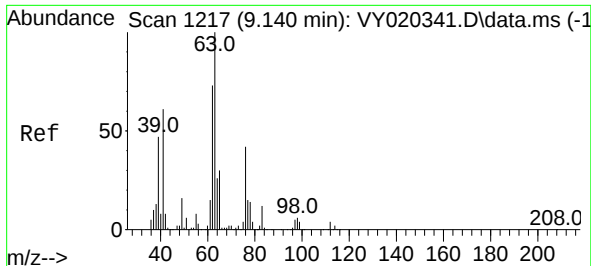
Tgt Ion:130 Resp: 107014

Ion Ratio Lower Upper

130 100

95 102.2 0.0 204.8





#45

1,2-Dichloropropane

Concen: 55.164 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

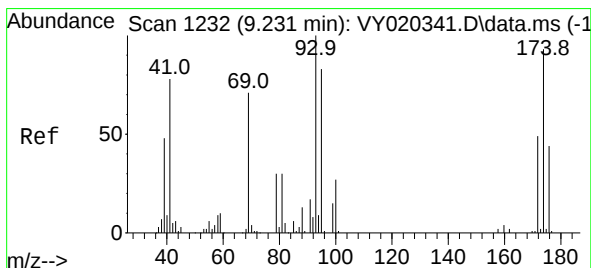
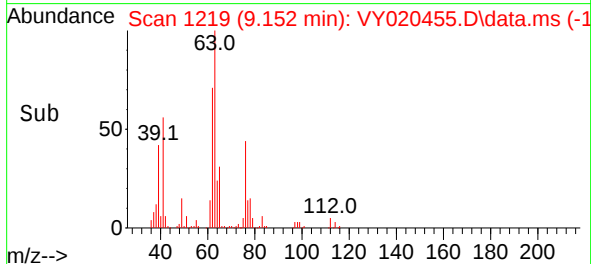
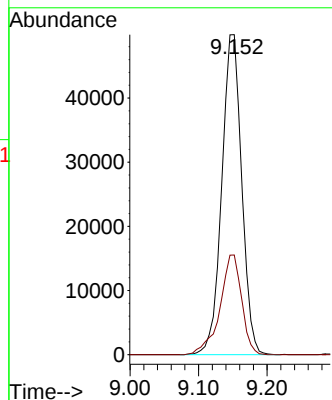
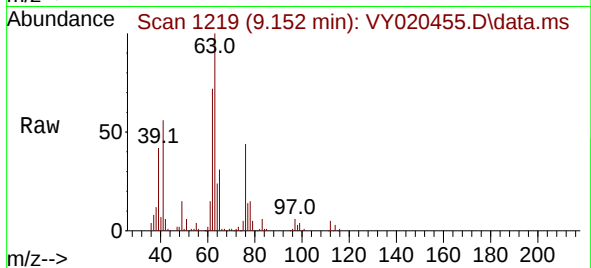
VSTDCCC050

Tgt Ion: 63 Resp: 100563

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.4



#46

Dibromomethane

Concen: 56.647 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

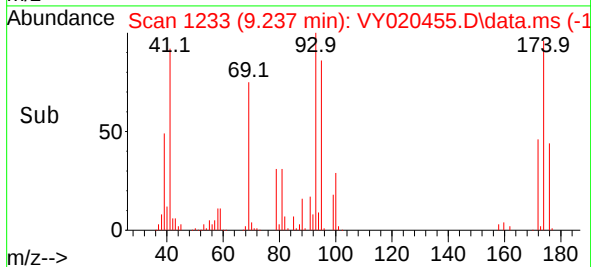
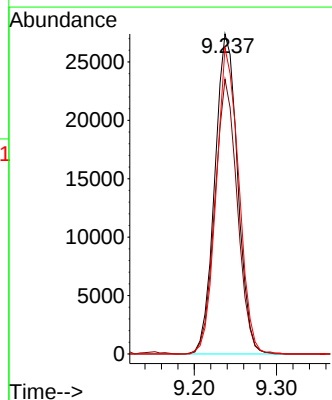
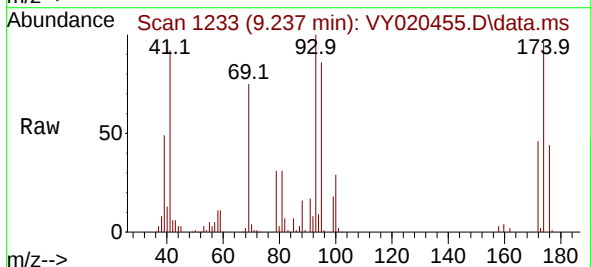
Tgt Ion: 93 Resp: 52929

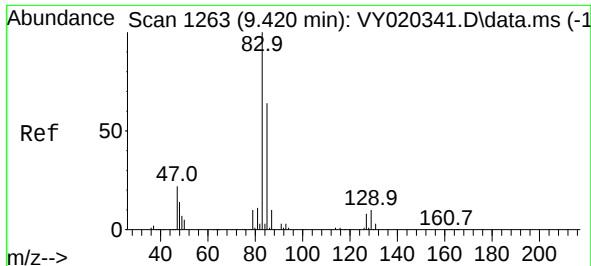
Ion Ratio Lower Upper

93 100

95 84.1 65.3 97.9

174 94.3 74.4 111.6





#47

Bromodichloromethane

Concen: 57.776 ug/l

RT: 9.432 min Scan# 149023

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

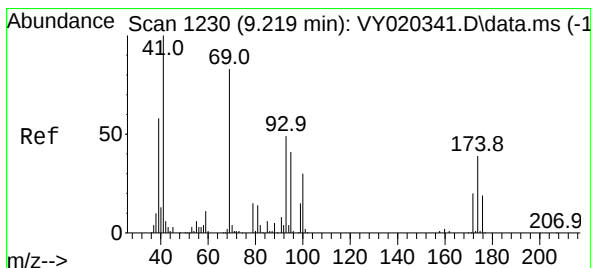
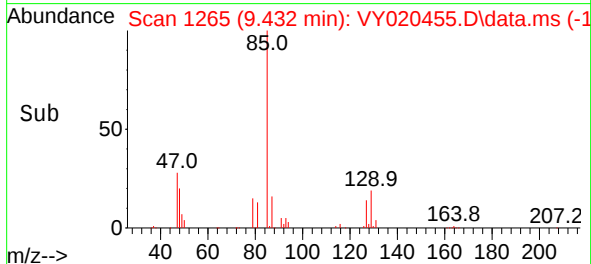
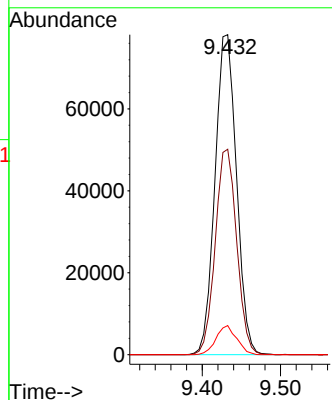
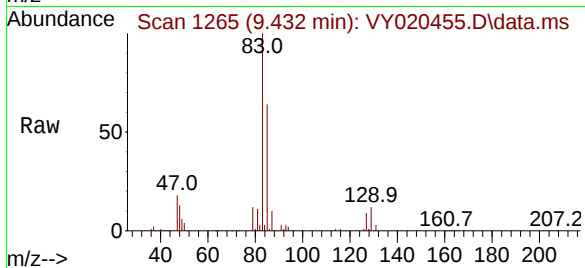
Tgt Ion: 83 Resp: 149023

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.2

127 9.1 6.3 9.5



#48

Methyl methacrylate

Concen: 56.537 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

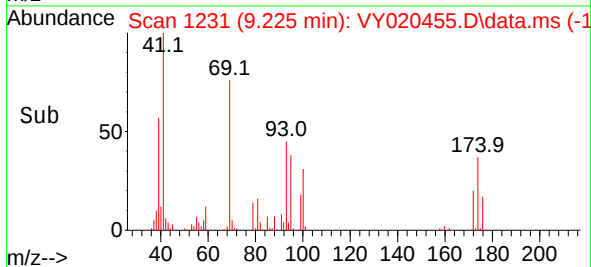
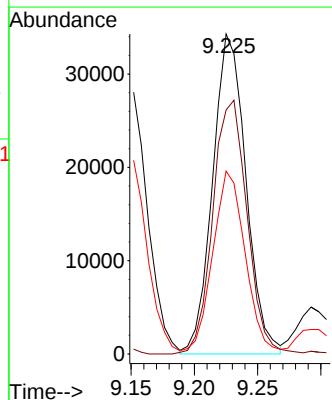
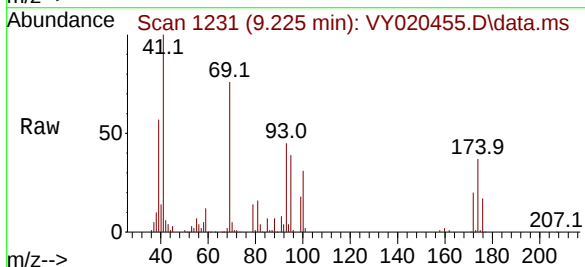
Tgt Ion: 41 Resp: 62783

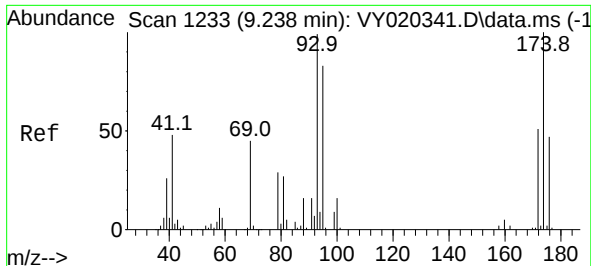
Ion Ratio Lower Upper

41 100

69 81.5 66.1 99.1

39 53.9 46.0 69.0





#49

1,4-Dioxane

Concen: 1125.485 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

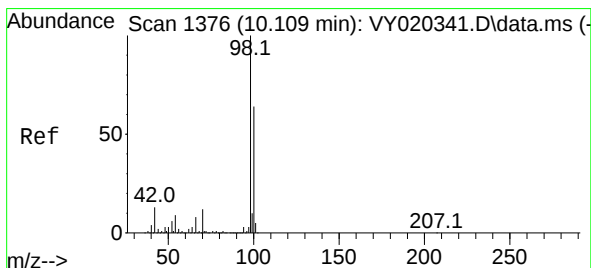
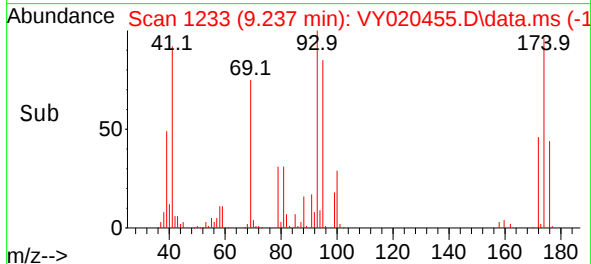
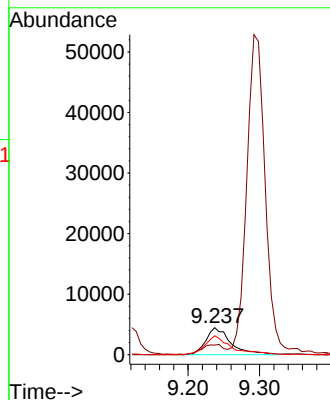
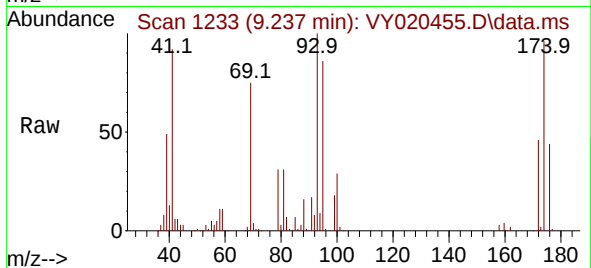
Tgt Ion: 88 Resp: 10819

Ion Ratio Lower Upper

88 100

43 32.5 24.6 37.0

58 73.6 59.6 89.4



#50

Toluene-d8

Concen: 46.753 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020455.D

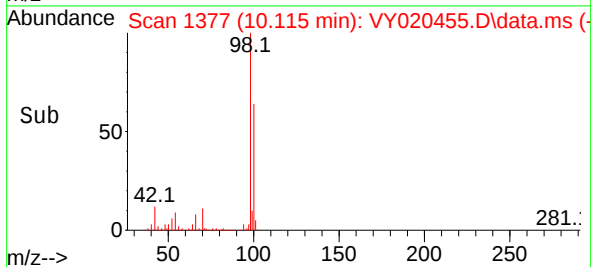
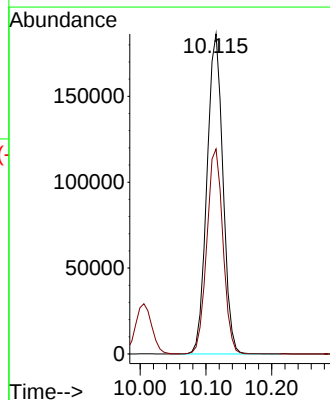
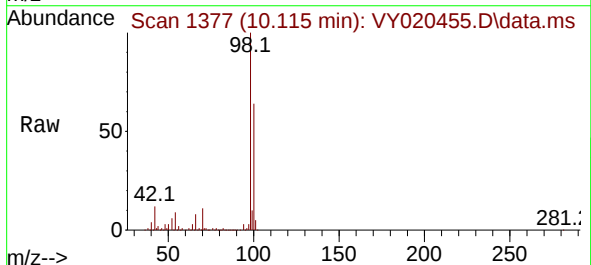
Acq: 27 Nov 2024 10:28

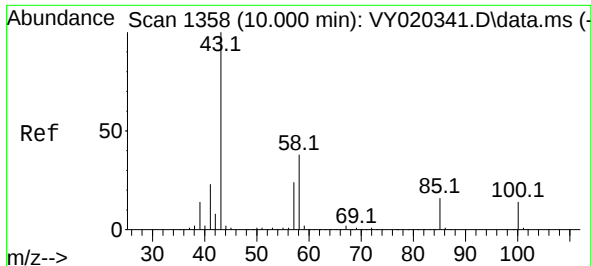
Tgt Ion: 98 Resp: 314385

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 274.931 ug/l

RT: 10.005 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

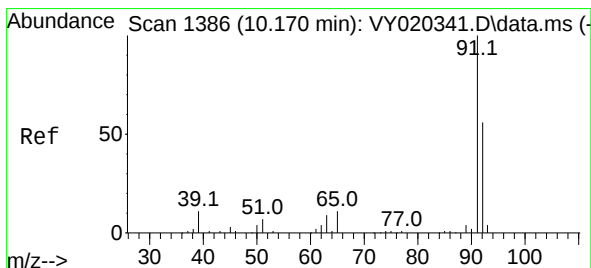
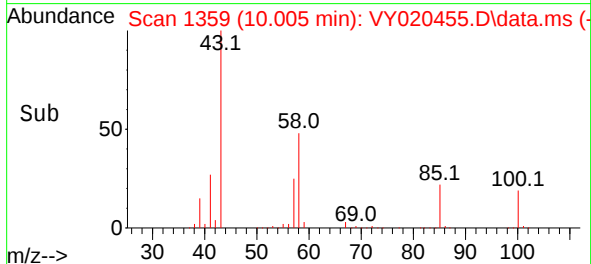
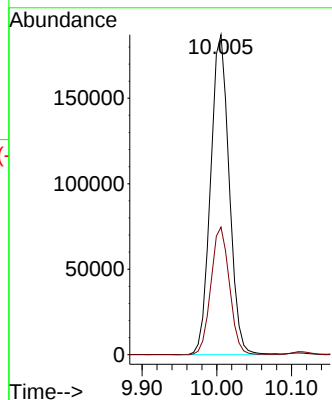
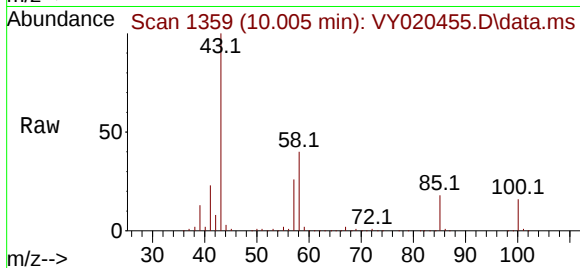
VSTDCCC050

Tgt Ion: 43 Resp: 324070

Ion Ratio Lower Upper

43 100

58 39.7 30.9 46.3



#52

Toluene

Concen: 58.353 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020455.D

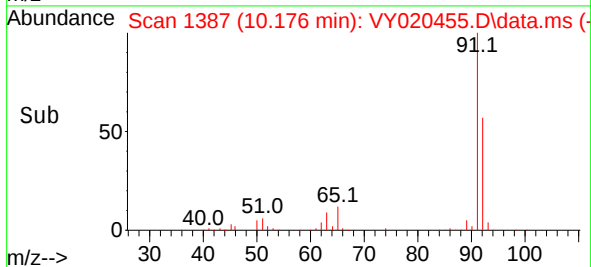
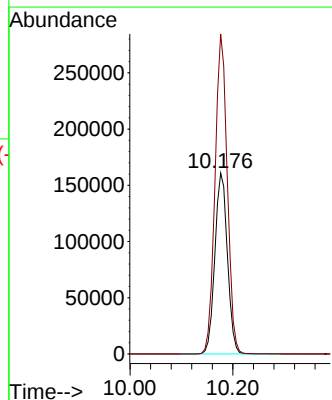
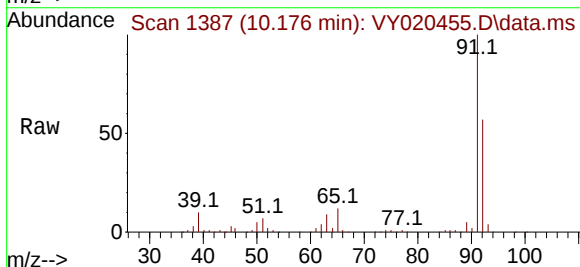
Acq: 27 Nov 2024 10:28

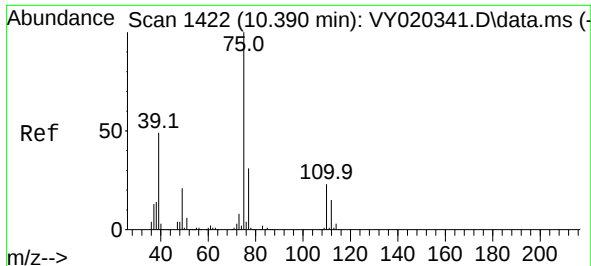
Tgt Ion: 92 Resp: 272518

Ion Ratio Lower Upper

92 100

91 172.9 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 58.065 ug/l

RT: 10.402 min Scan# 1422

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

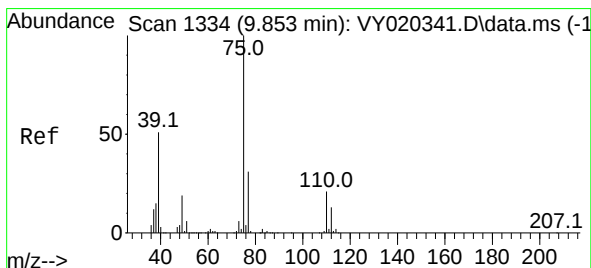
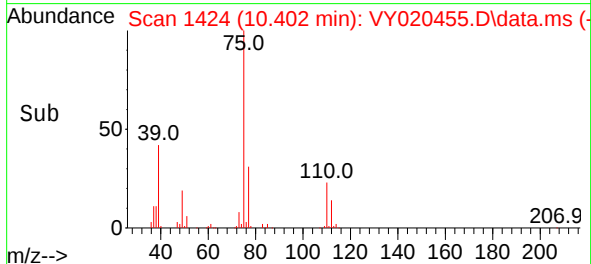
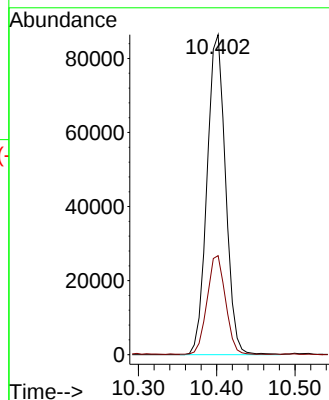
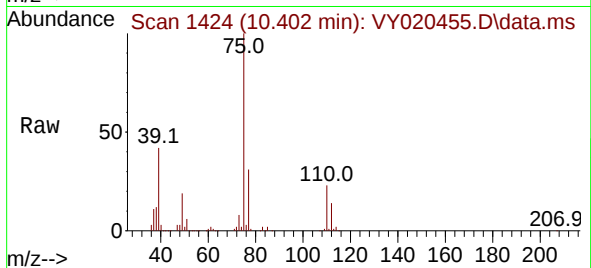
VSTDCCC050

Tgt Ion: 75 Resp: 141628

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 58.705 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

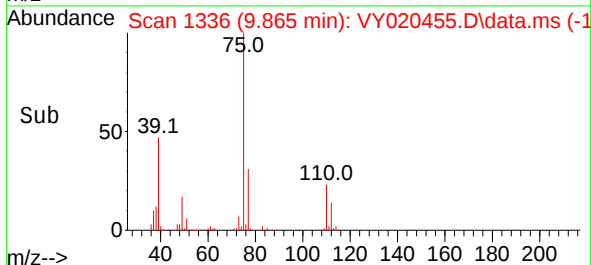
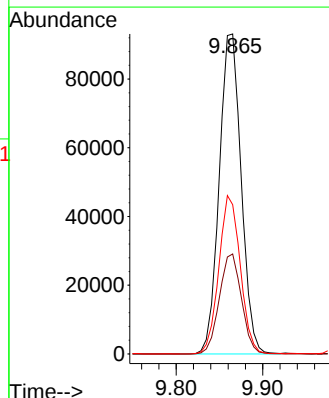
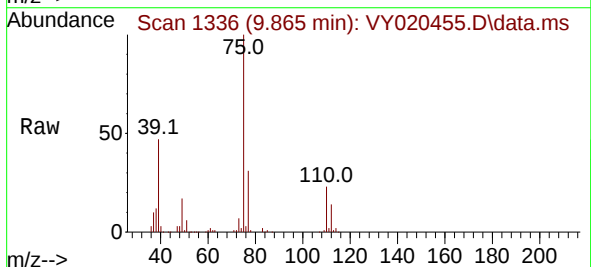
Tgt Ion: 75 Resp: 163911

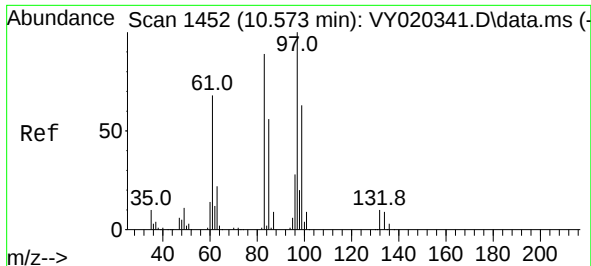
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

39 46.7 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 54.945 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 68146

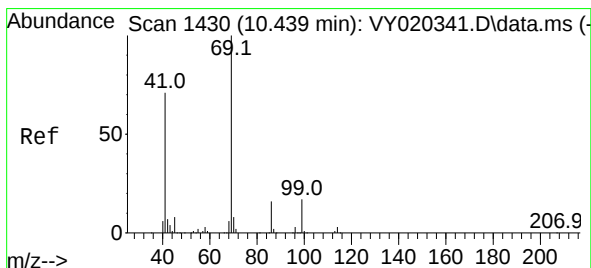
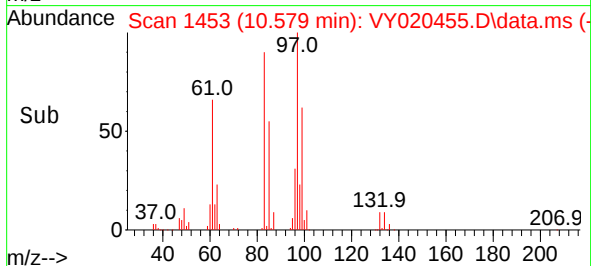
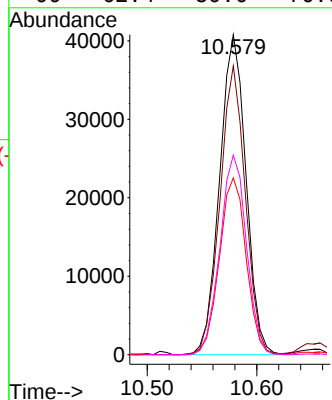
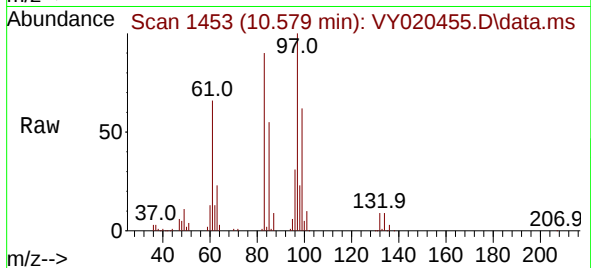
Ion Ratio Lower Upper

97 100

83 90.3 70.8 106.2

85 55.2 44.9 67.3

99 62.4 50.6 76.0



#56

Ethyl methacrylate

Concen: 55.721 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

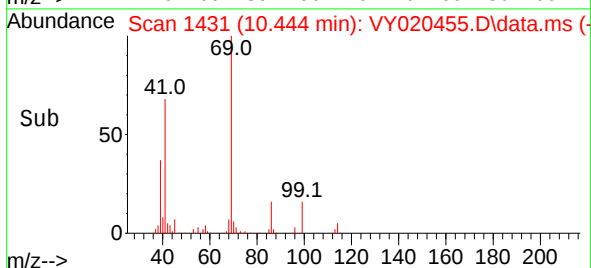
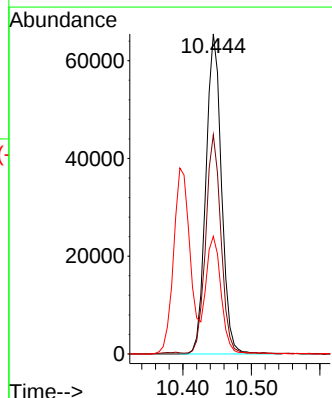
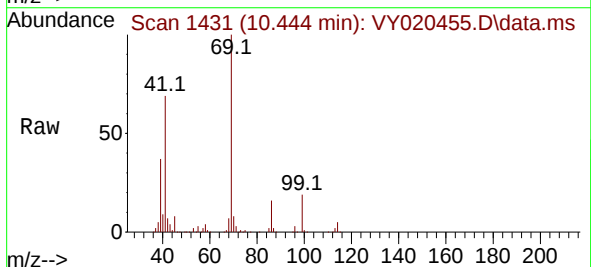
Tgt Ion: 69 Resp: 103787

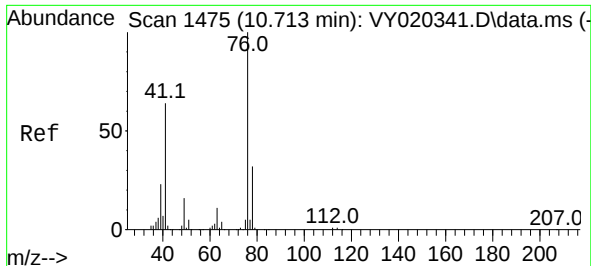
Ion Ratio Lower Upper

69 100

41 66.2 56.1 84.1

39 35.1 29.7 44.5





#57

1,3-Dichloropropane

Concen: 56.402 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

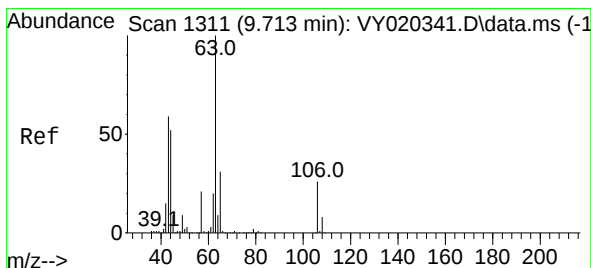
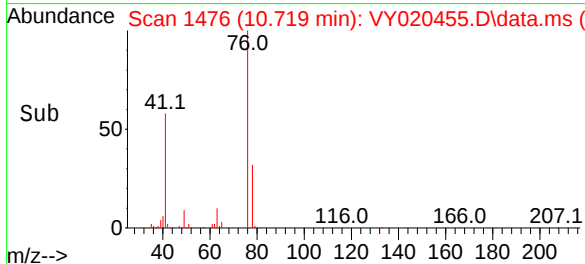
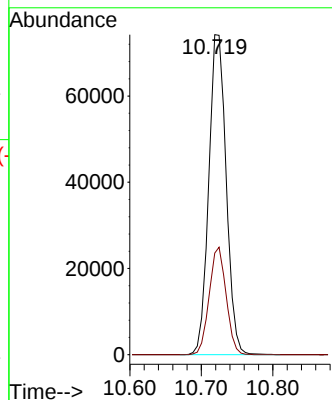
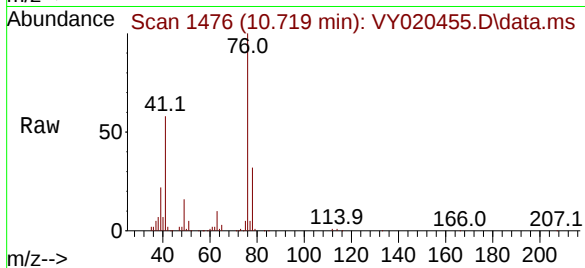
VSTDCCC050

Tgt Ion: 76 Resp: 125718

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 282.402 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020455.D

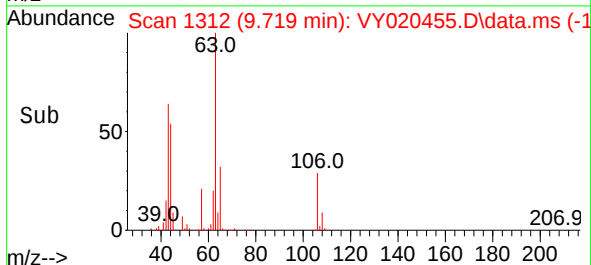
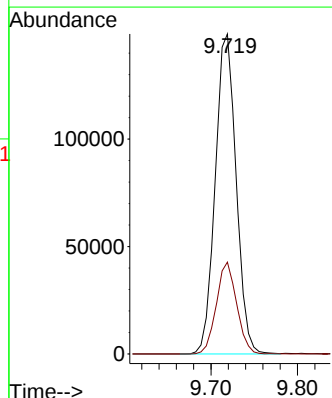
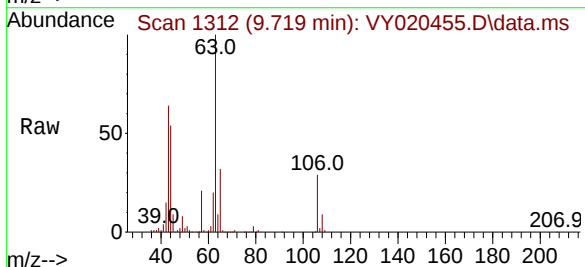
Acq: 27 Nov 2024 10:28

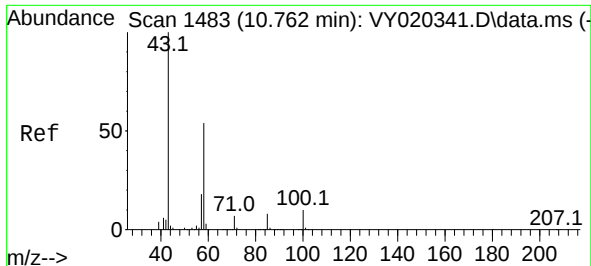
Tgt Ion: 63 Resp: 249416

Ion Ratio Lower Upper

63 100

106 27.9 21.0 31.4

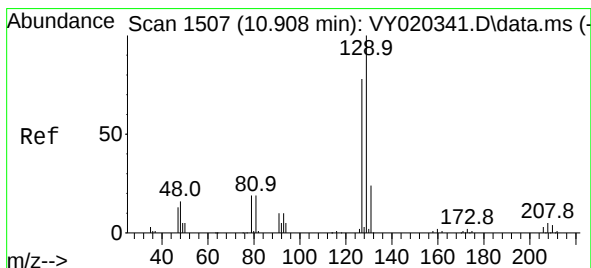
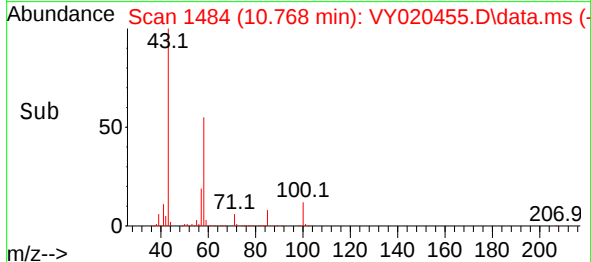
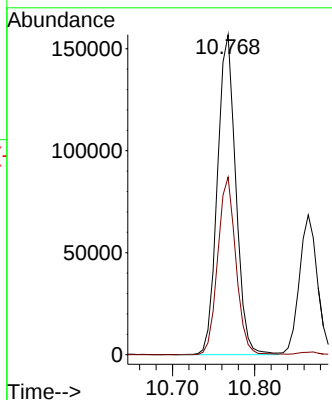
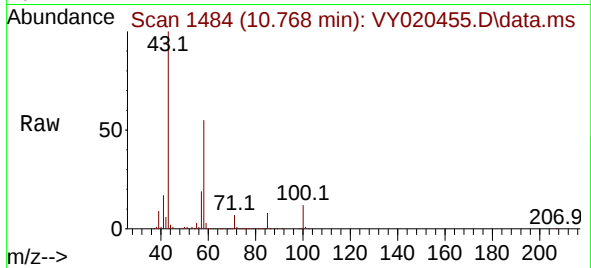




#59
2-Hexanone
Concen: 292.288 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

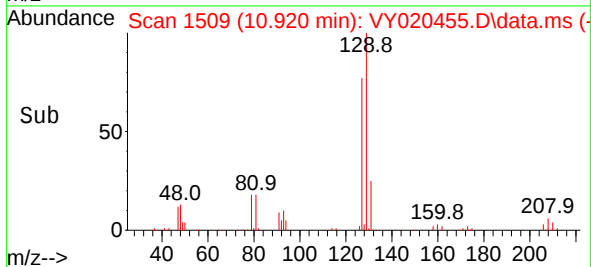
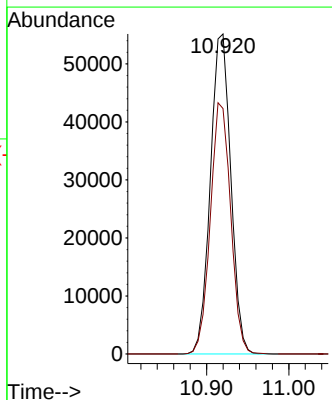
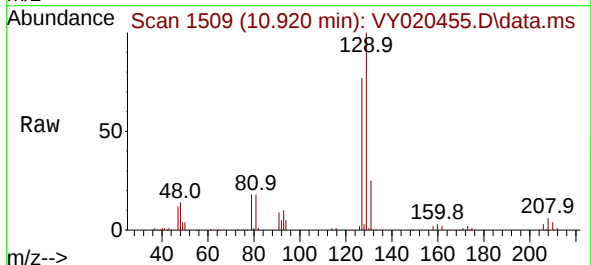
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

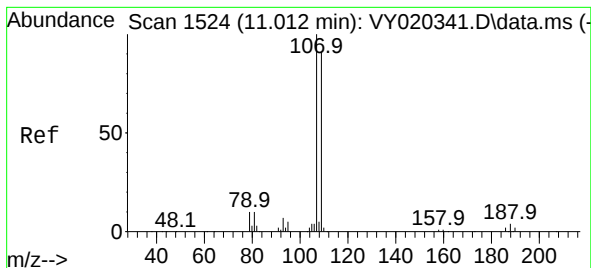
Tgt Ion: 43 Resp: 243963
Ion Ratio Lower Upper
43 100
58 54.8 26.4 79.2



#60
Dibromochloromethane
Concen: 59.630 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion:129 Resp: 95327
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9





#61

1,2-Dibromoethane

Concen: 56.382 ug/l

RT: 11.017 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

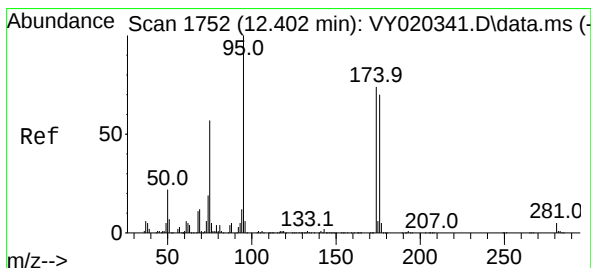
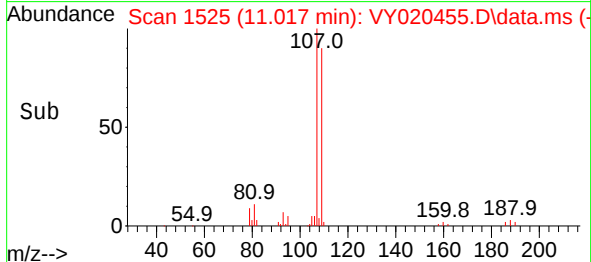
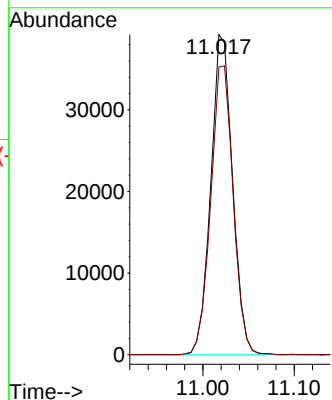
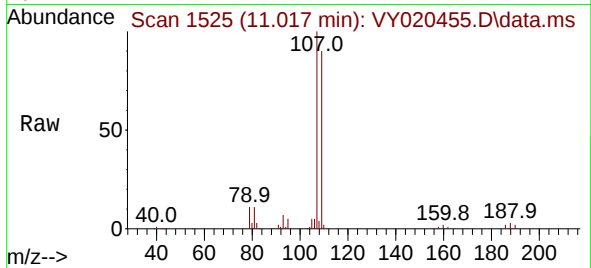
VSTDCCC050

Tgt Ion:107 Resp: 64799

Ion Ratio Lower Upper

107 100

109 93.2 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 48.738 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

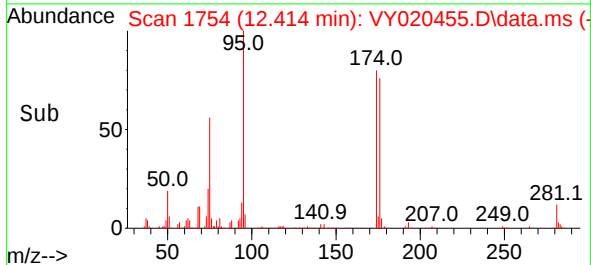
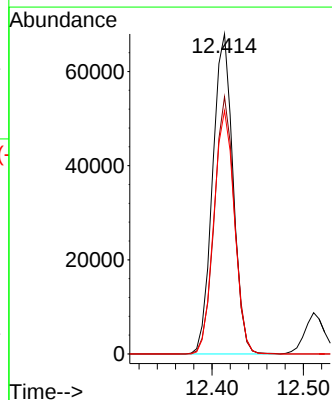
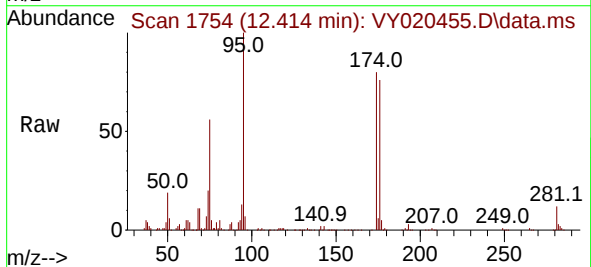
Tgt Ion: 95 Resp: 105355

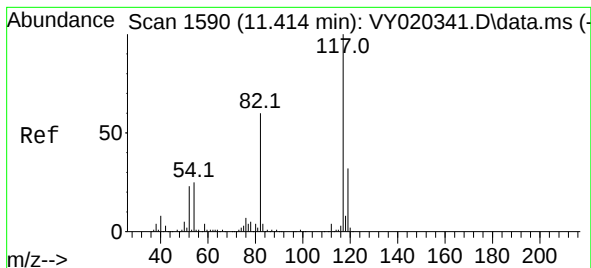
Ion Ratio Lower Upper

95 100

174 78.8 0.0 156.8

176 76.7 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

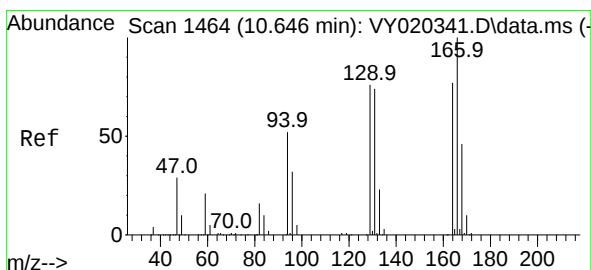
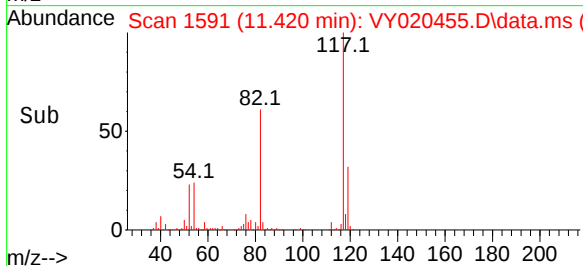
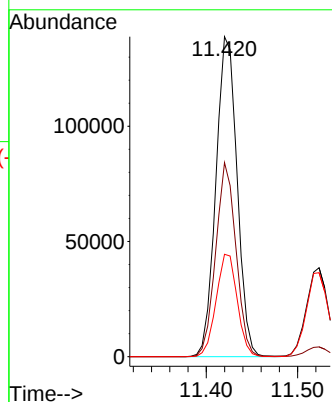
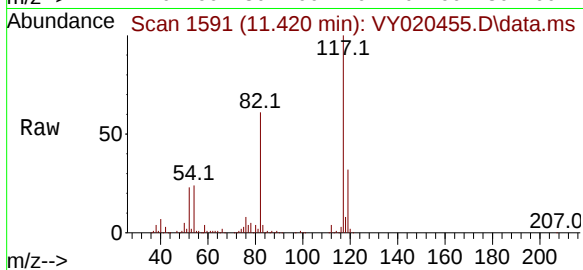
Tgt Ion:117 Resp: 224244

Ion Ratio Lower Upper

117 100

82 60.7 48.2 72.4

119 32.0 25.8 38.8



#64

Tetrachloroethene

Concen: 57.334 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Tgt Ion:164 Resp: 92677

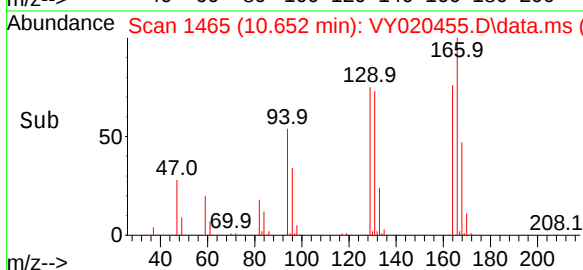
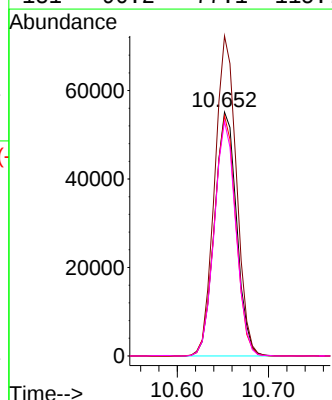
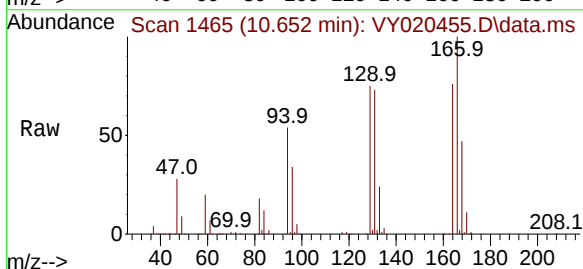
Ion Ratio Lower Upper

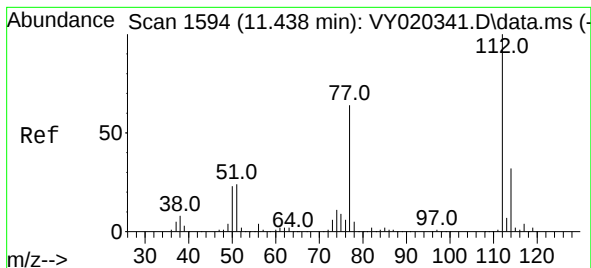
164 100

166 131.2 103.8 155.8

129 98.5 79.0 118.4

131 96.2 77.1 115.7

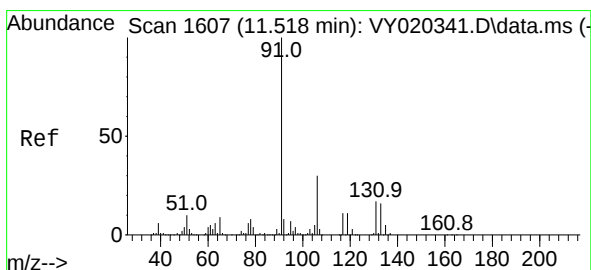
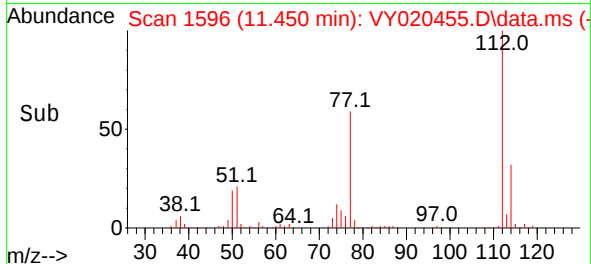
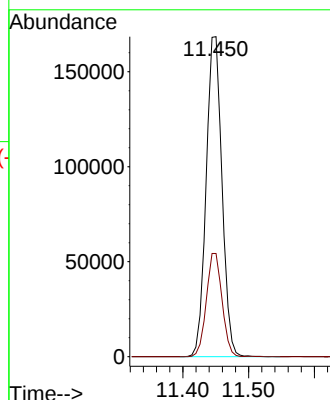
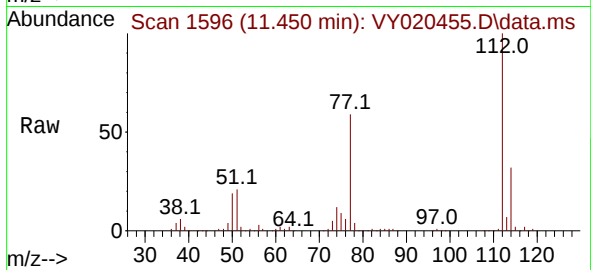




#65
Chlorobenzene
Concen: 56.367 ug/l
RT: 11.450 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

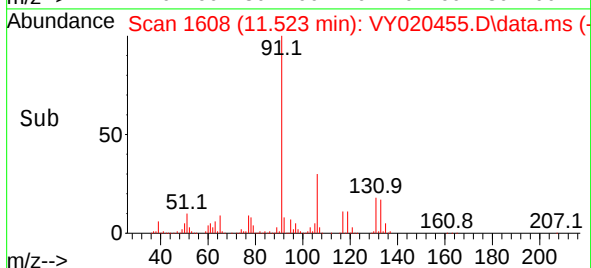
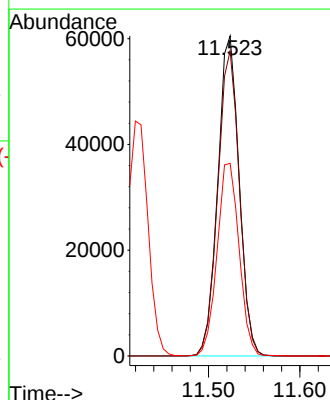
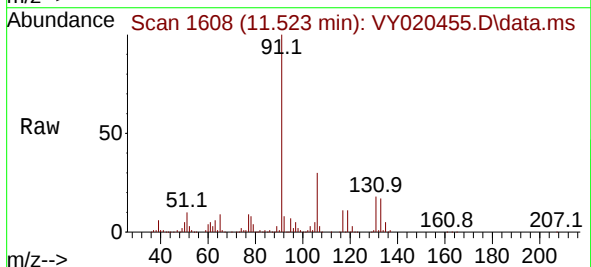
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

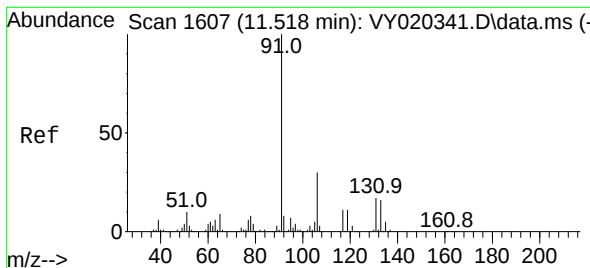
Tgt Ion:112 Resp: 281825
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.018 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion:131 Resp: 98576
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 62.1 32.5 97.5





#67

Ethyl Benzene

Concen: 57.625 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

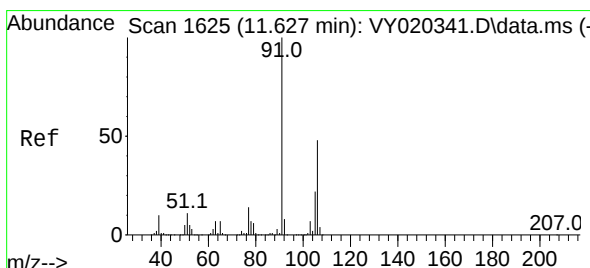
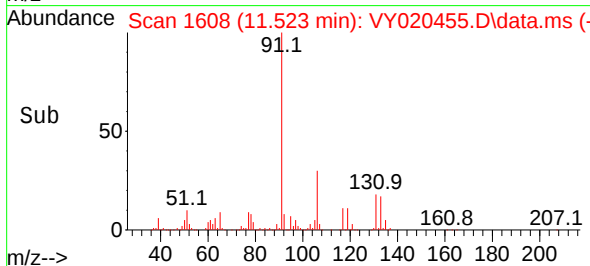
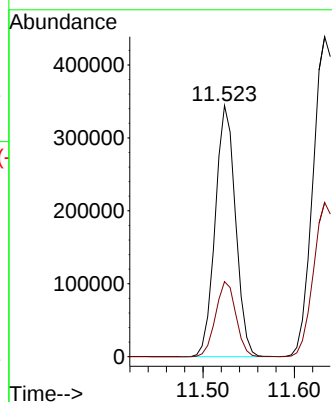
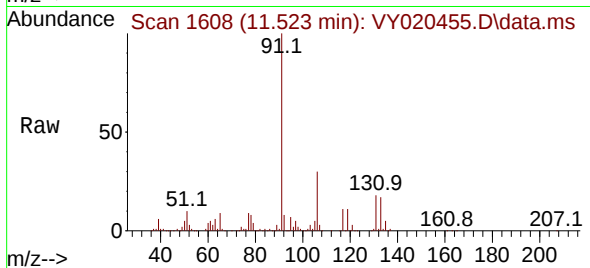
VSTDCCC050

Tgt Ion: 91 Resp: 531533

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9



#68

m/p-Xylenes

Concen: 116.707 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY020455.D

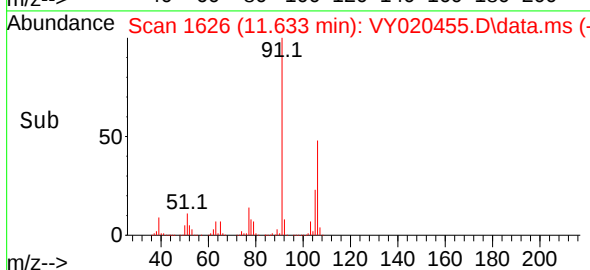
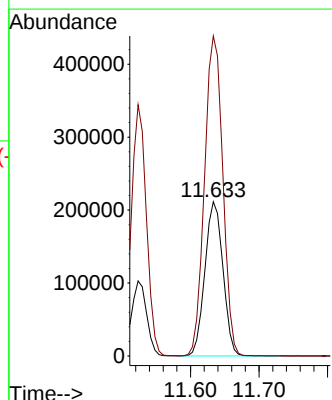
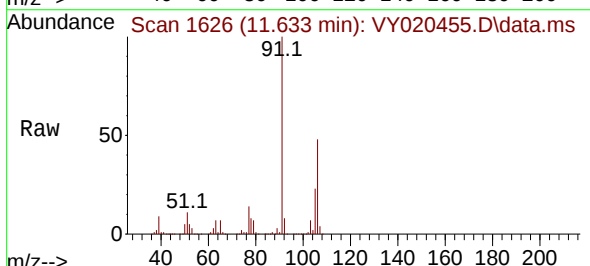
Acq: 27 Nov 2024 10:28

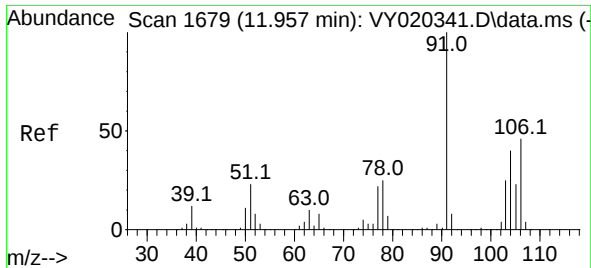
Tgt Ion:106 Resp: 387761

Ion Ratio Lower Upper

106 100

91 210.2 166.0 249.0





#69

o-Xylene

Concen: 57.906 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

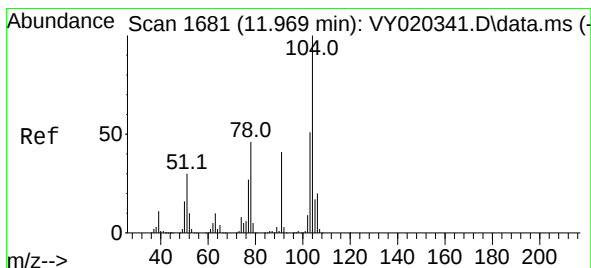
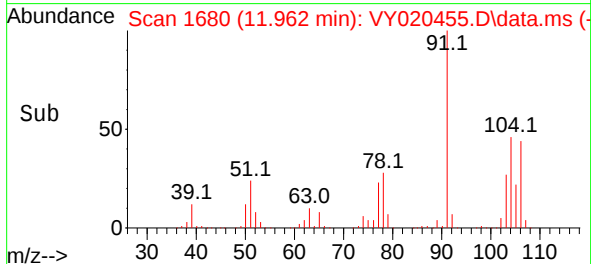
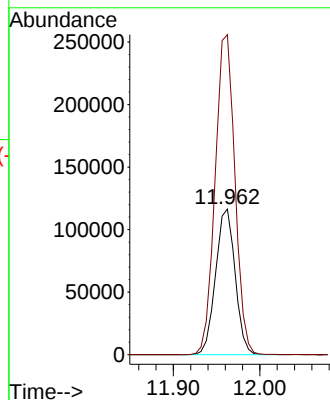
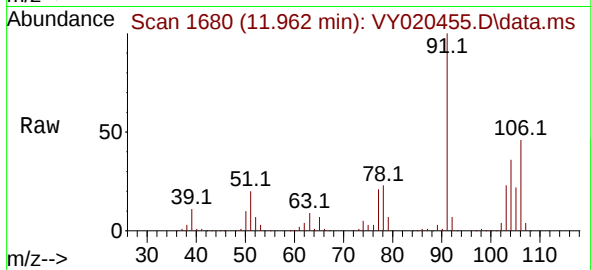
VSTDCCC050

Tgt Ion:106 Resp: 182480

Ion Ratio Lower Upper

106 100

91 222.9 110.0 330.0



#70

Styrene

Concen: 58.308 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

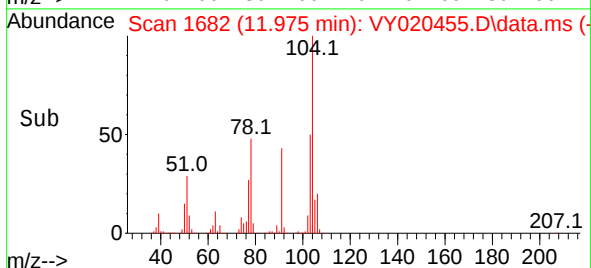
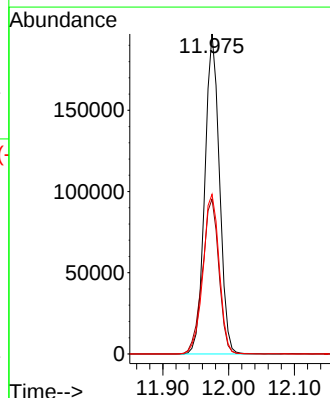
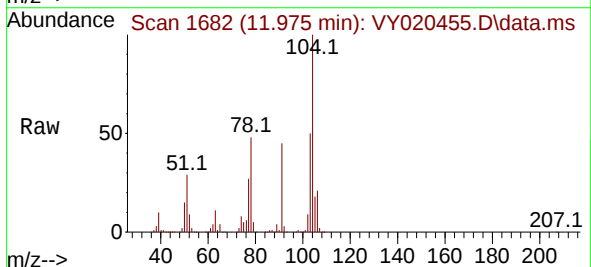
Tgt Ion:104 Resp: 305289

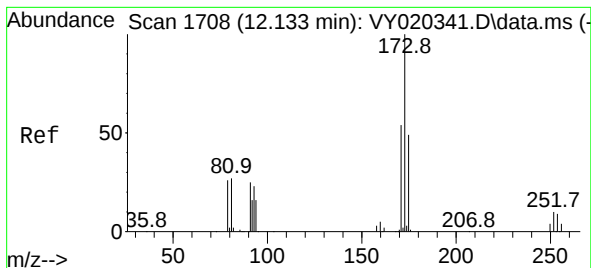
Ion Ratio Lower Upper

104 100

78 54.3 41.4 62.2

103 55.0 44.2 66.4





#71

Bromoform

Concen: 62.288 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

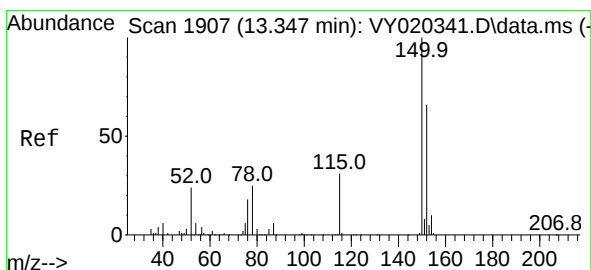
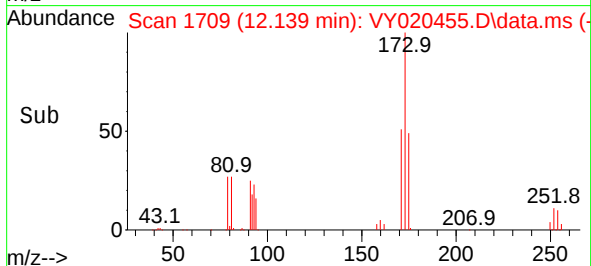
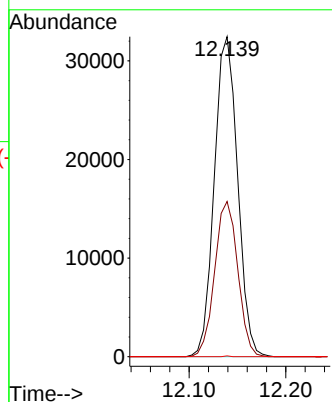
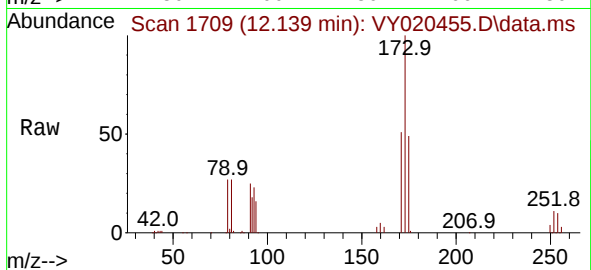
Tgt Ion:173 Resp: 54221

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

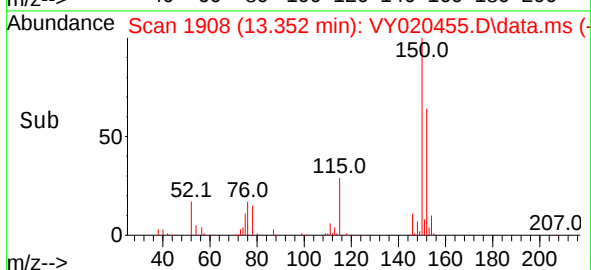
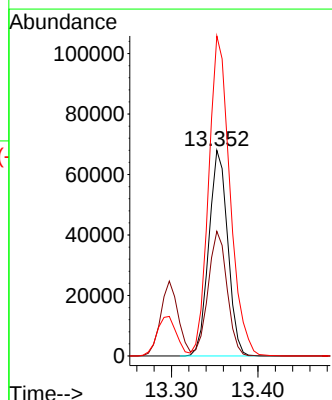
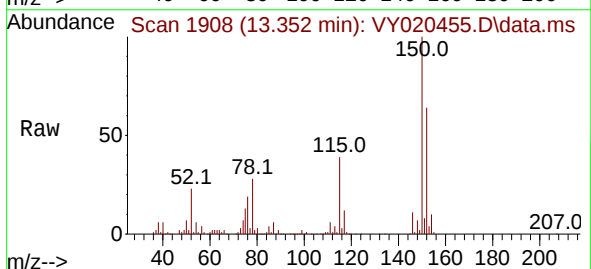
Tgt Ion:152 Resp: 103151

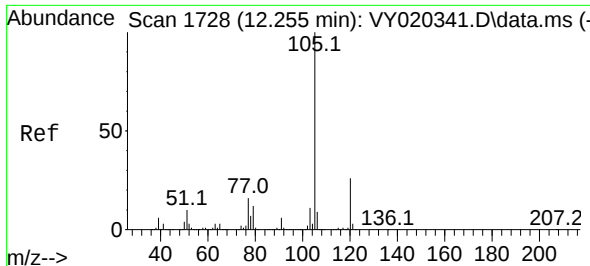
Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 175.2 0.0 348.2

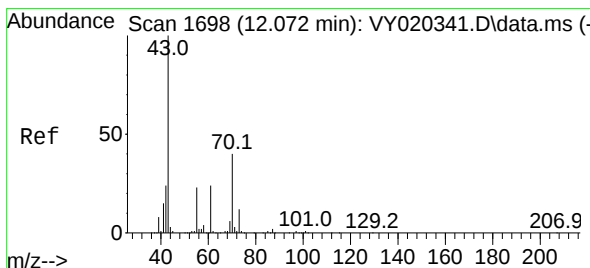
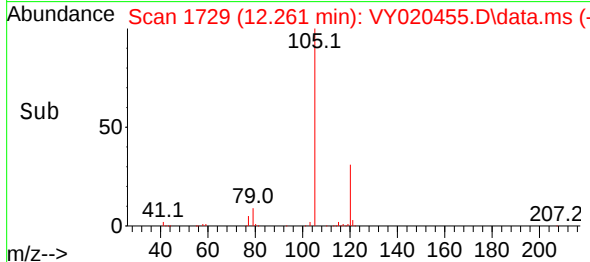
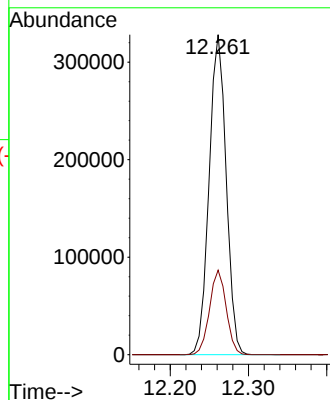
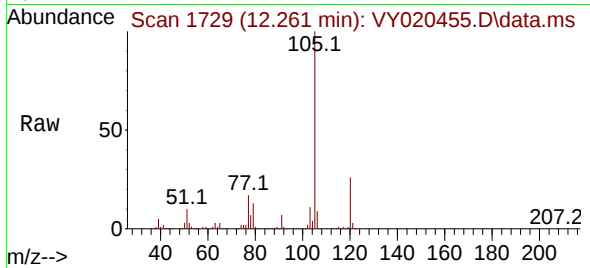




#73
Isopropylbenzene
Concen: 56.691 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

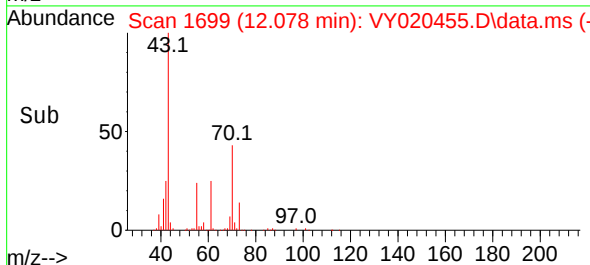
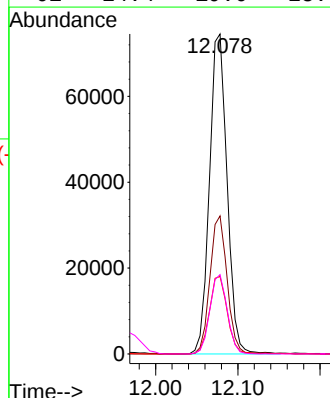
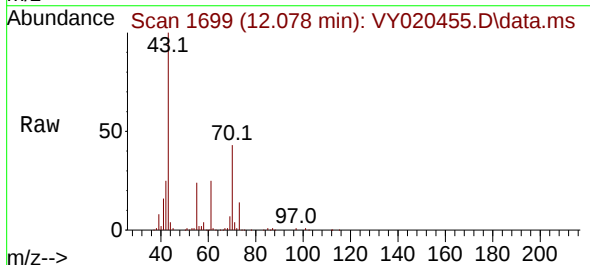
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

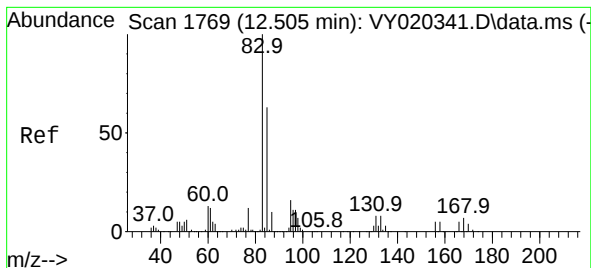
Tgt Ion:105 Resp: 495366
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.1



#74
N-ethyl acetate
Concen: 52.527 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 43 Resp: 110919
Ion Ratio Lower Upper
43 100
70 42.3 32.9 49.3
55 24.6 19.3 28.9
61 24.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.702 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

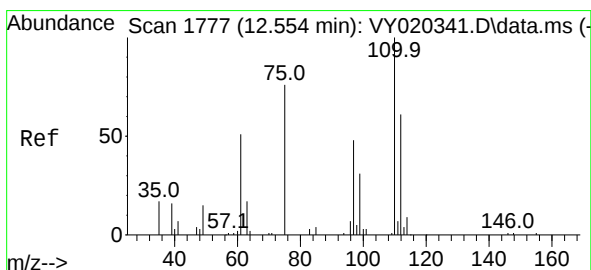
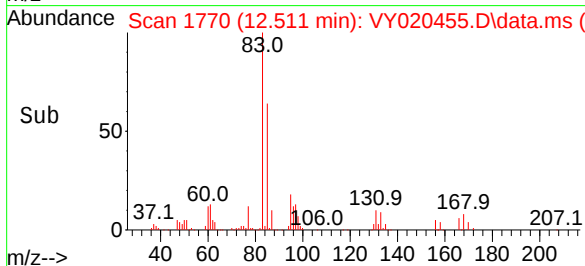
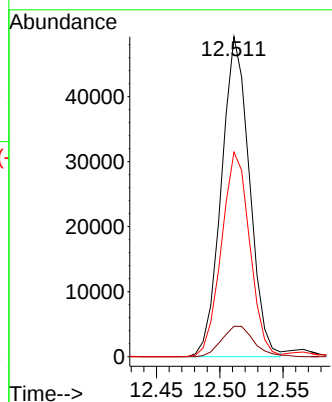
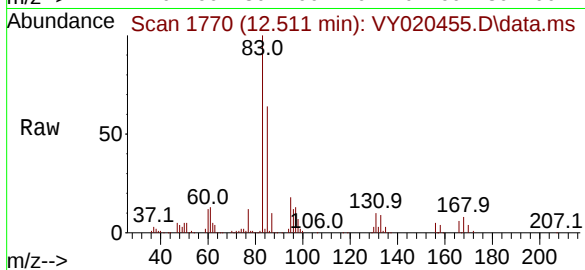
Tgt Ion: 83 Resp: 75839

Ion Ratio Lower Upper

83 100

131 10.9 4.8 14.4

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 57.860 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY020455.D

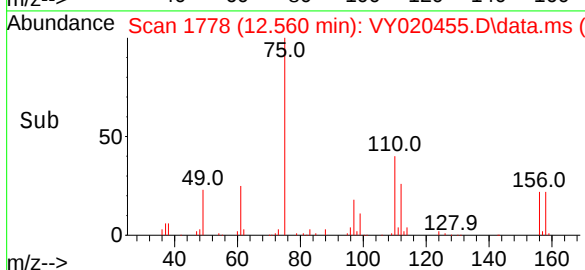
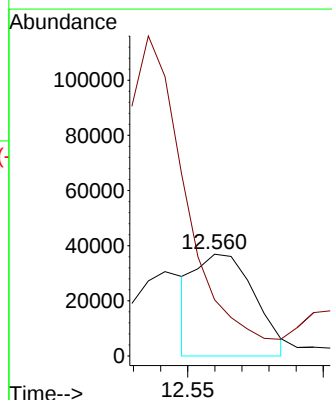
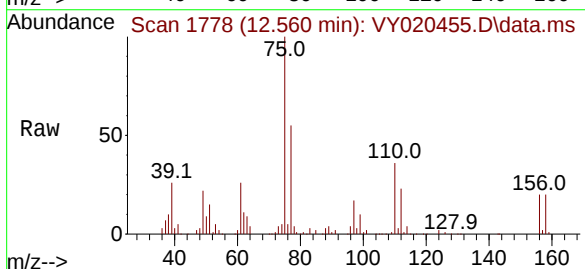
Acq: 27 Nov 2024 10:28

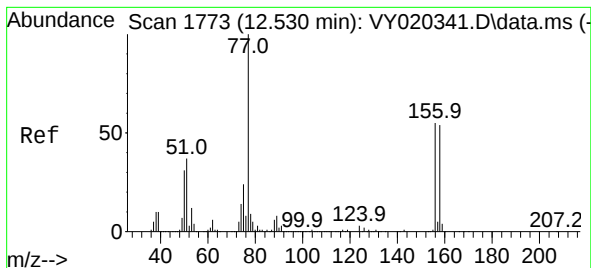
Tgt Ion: 75 Resp: 56253

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.855 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

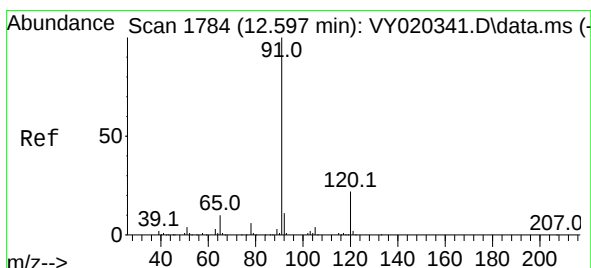
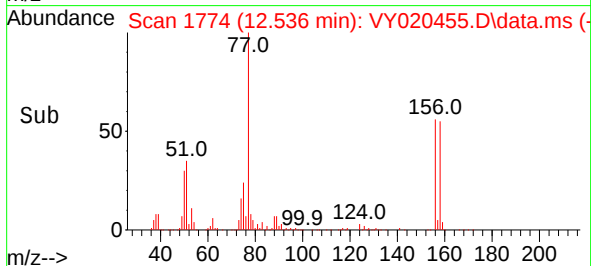
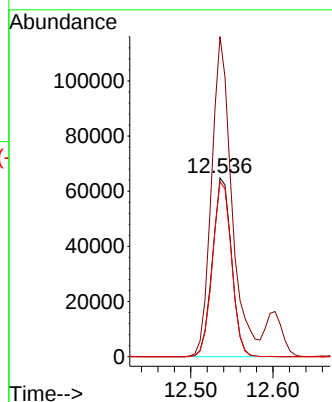
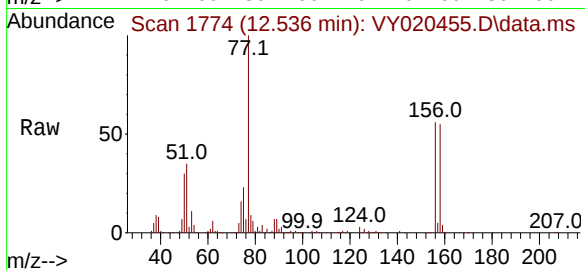
Tgt Ion:156 Resp: 104087

Ion Ratio Lower Upper

156 100

77 191.9 97.2 291.6

158 97.9 47.8 143.4



#78

n-propylbenzene

Concen: 56.298 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020455.D

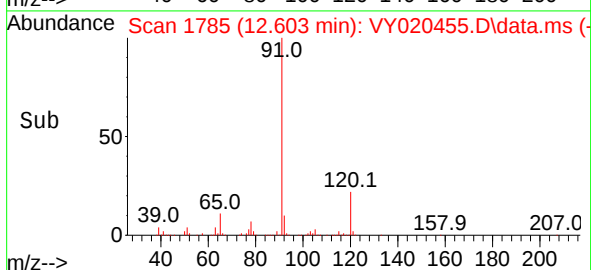
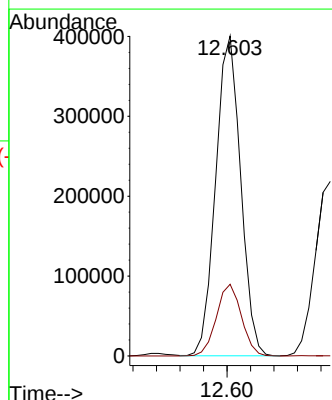
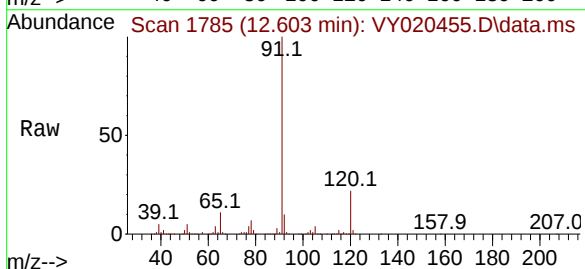
Acq: 27 Nov 2024 10:28

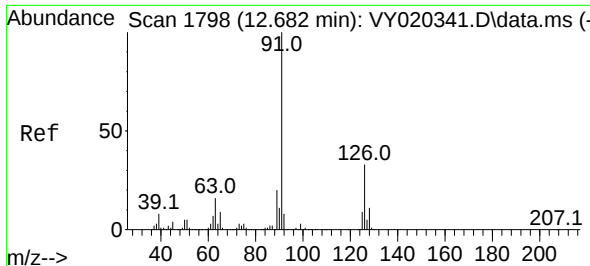
Tgt Ion: 91 Resp: 590389

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.6





#79

2-Chlorotoluene

Concen: 55.118 ug/l

RT: 12.688 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

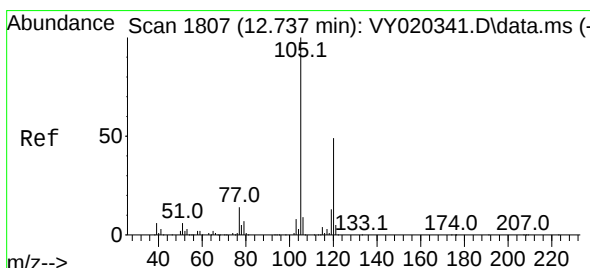
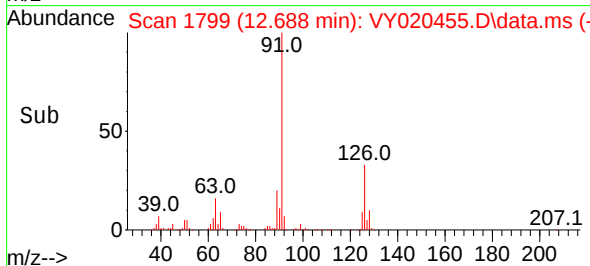
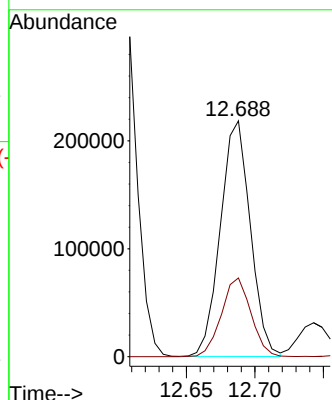
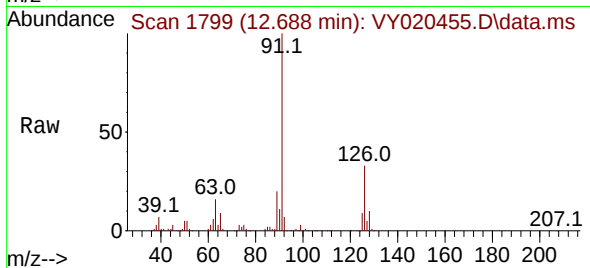
VSTDCCC050

Tgt Ion: 91 Resp: 332339

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 56.438 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020455.D

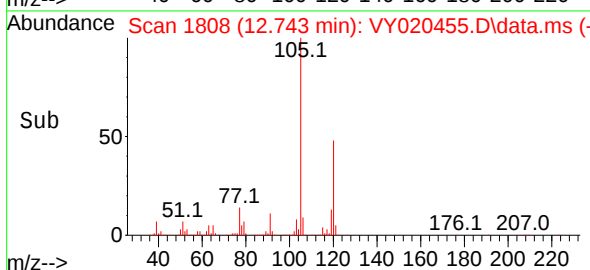
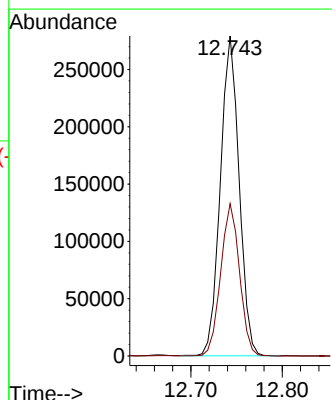
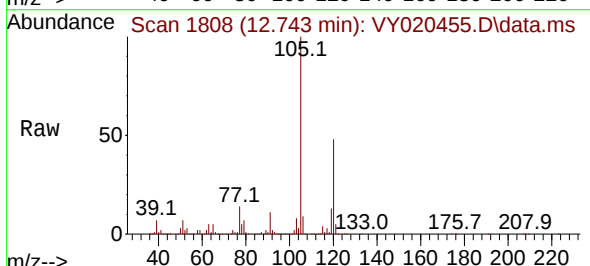
Acq: 27 Nov 2024 10:28

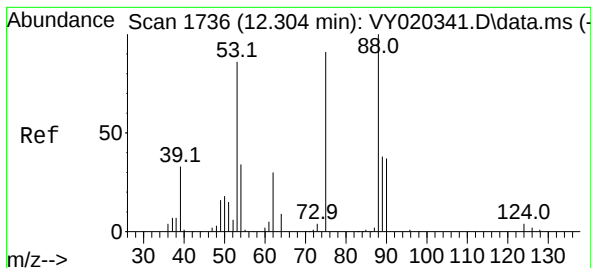
Tgt Ion:105 Resp: 398565

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.8

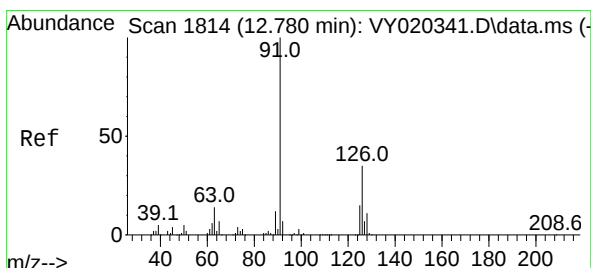
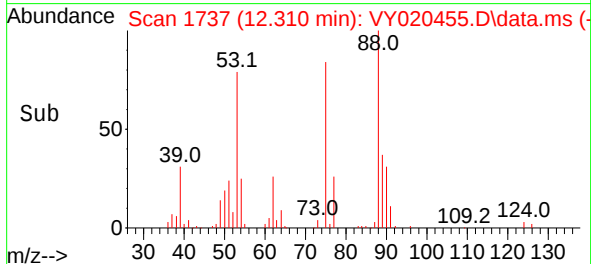
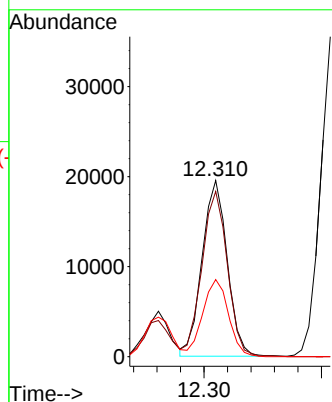
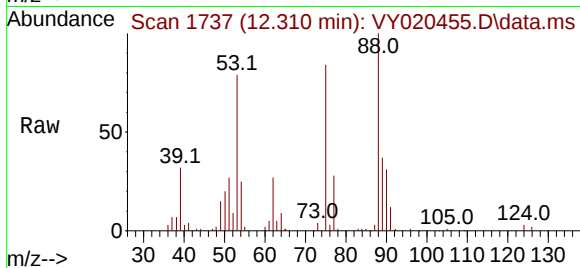




#81
trans-1,4-Dichloro-2-butene
Concen: 58.318 ug/l
RT: 12.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

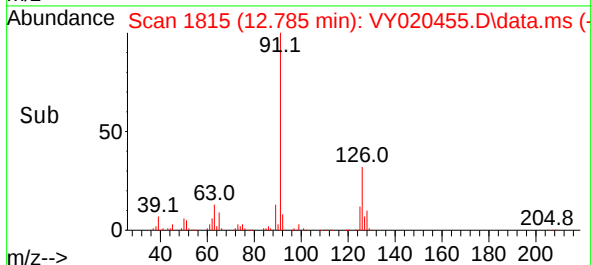
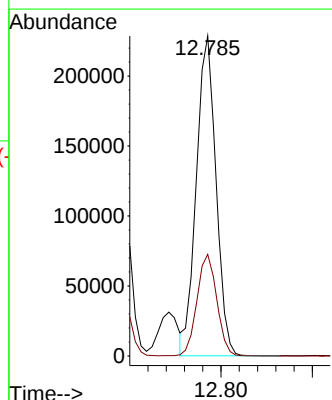
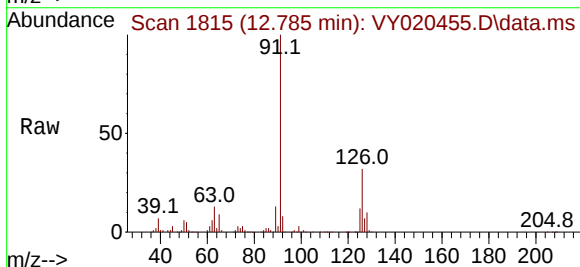
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

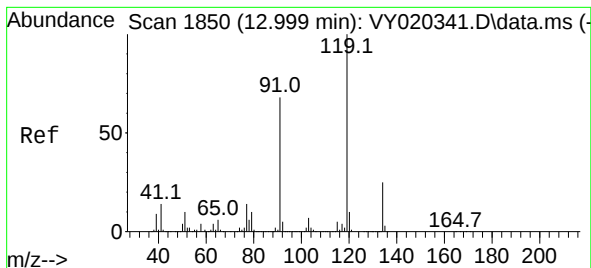
Tgt Ion: 75 Resp: 28936
Ion Ratio Lower Upper
75 100
53 95.9 81.1 121.7
89 44.6 35.1 52.7



#82
4-Chlorotoluene
Concen: 54.907 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 91 Resp: 341675
Ion Ratio Lower Upper
91 100
126 32.0 16.6 49.8





#83

tert-Butylbenzene

Concen: 58.098 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

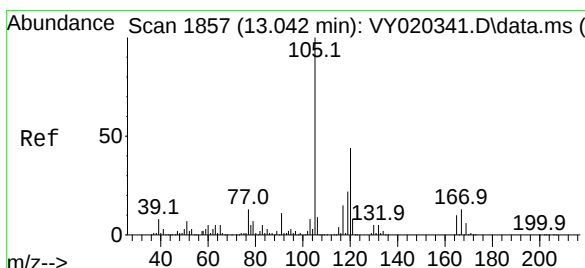
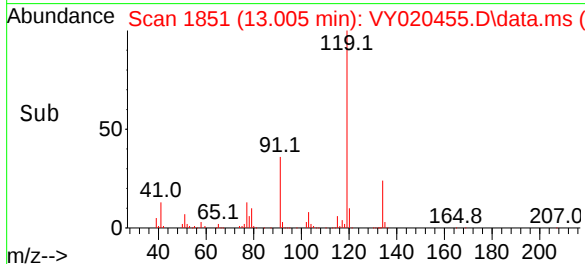
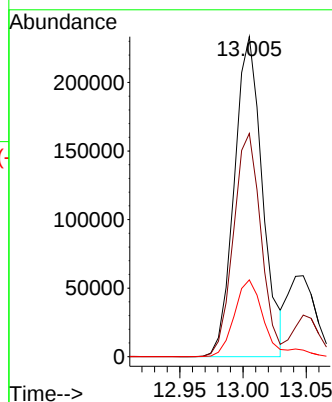
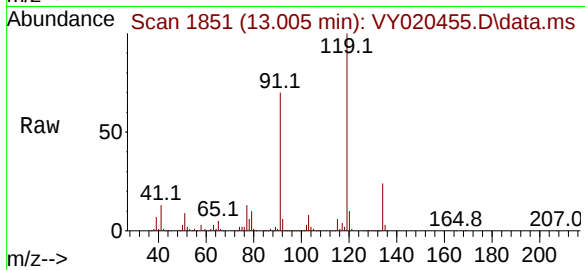
Tgt Ion:119 Resp: 362066

Ion Ratio Lower Upper

119 100

91 68.2 33.3 99.9

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 56.477 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020455.D

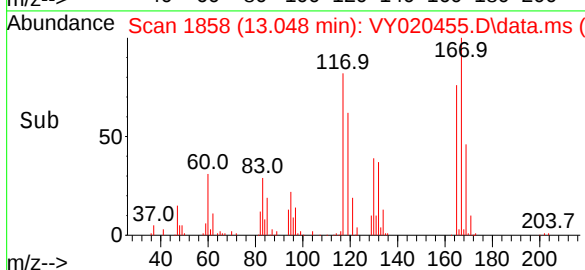
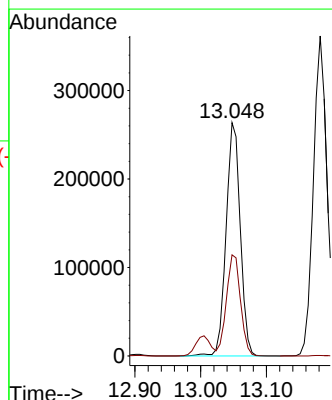
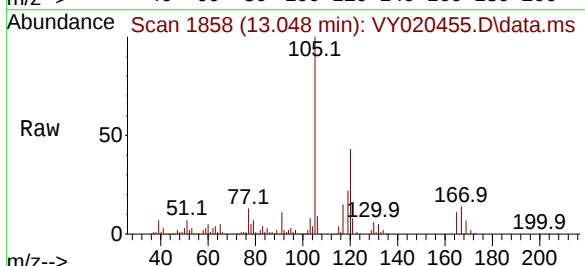
Acq: 27 Nov 2024 10:28

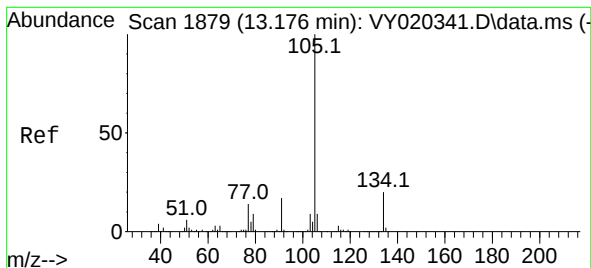
Tgt Ion:105 Resp: 395411

Ion Ratio Lower Upper

105 100

120 43.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.895 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

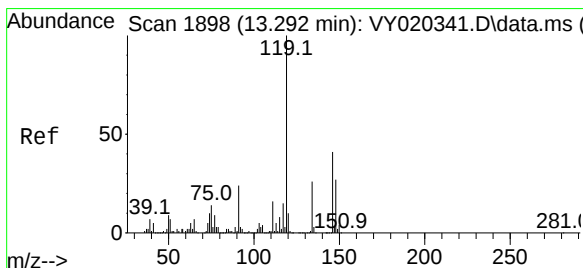
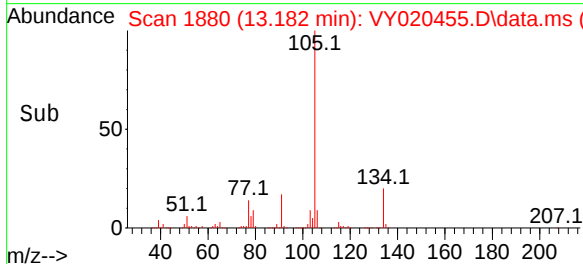
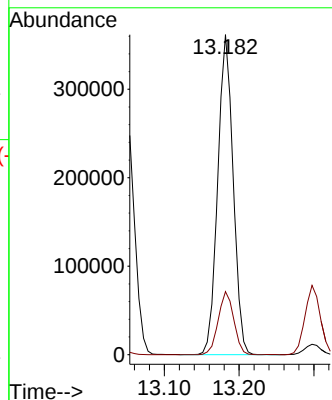
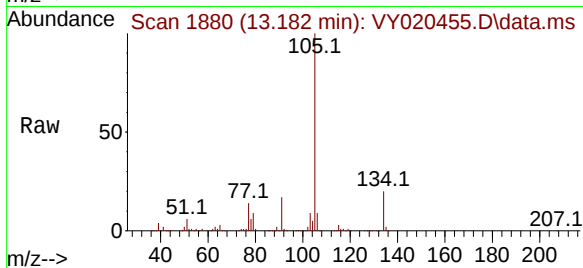
VSTDCCC050

Tgt Ion:105 Resp: 519673

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 57.191 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

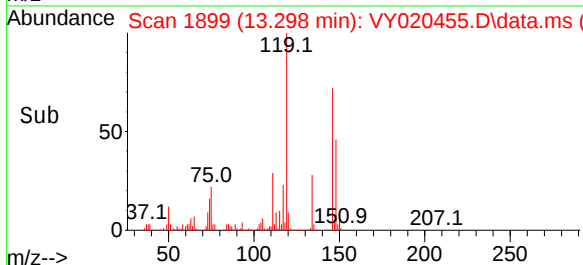
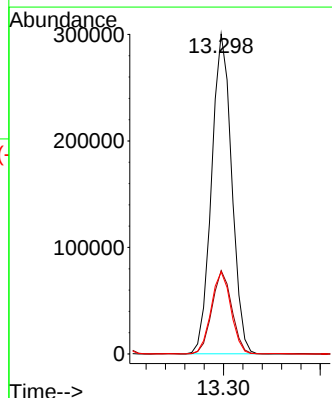
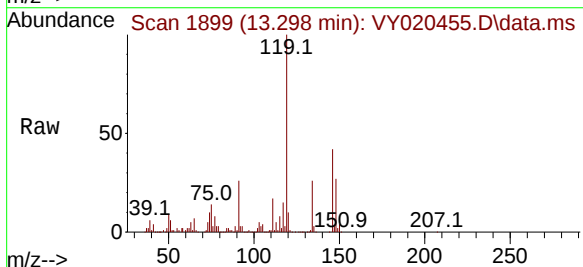
Tgt Ion:119 Resp: 434437

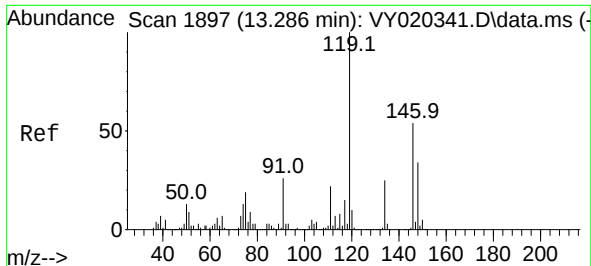
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 25.3 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 54.375 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

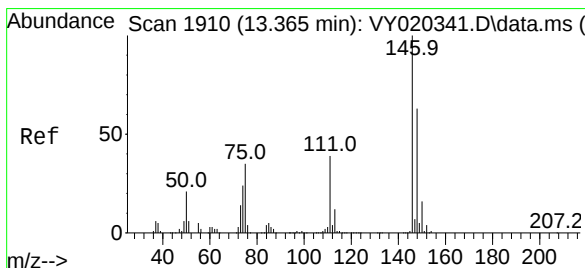
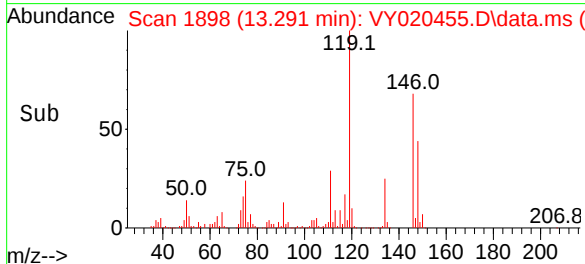
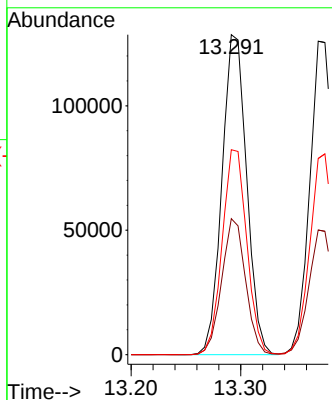
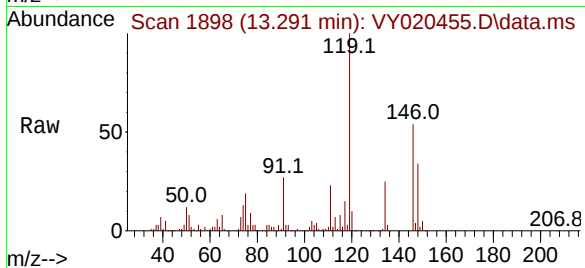
Tgt Ion:146 Resp: 201281

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

148 63.8 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 55.762 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

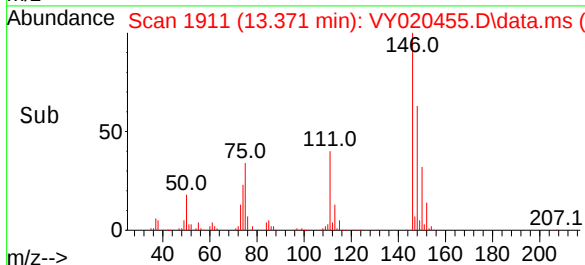
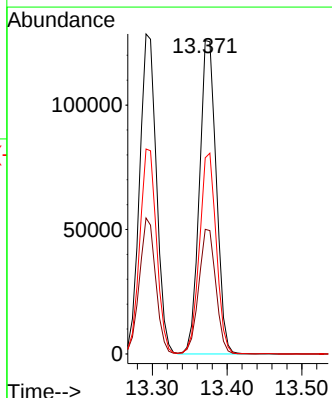
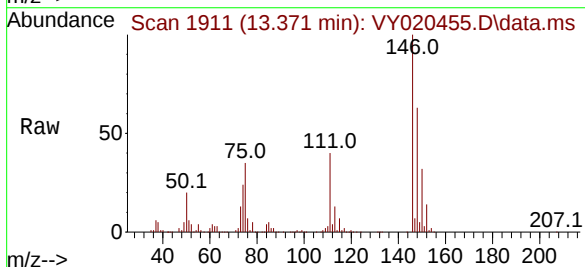
Tgt Ion:146 Resp: 197218

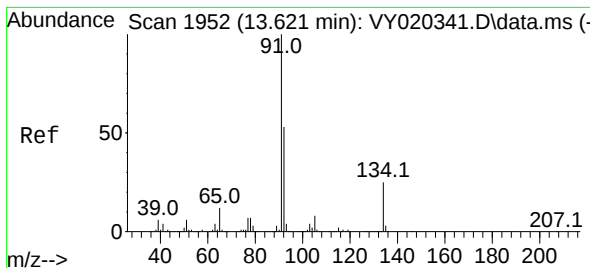
Ion Ratio Lower Upper

146 100

111 40.3 19.9 59.6

148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 55.475 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

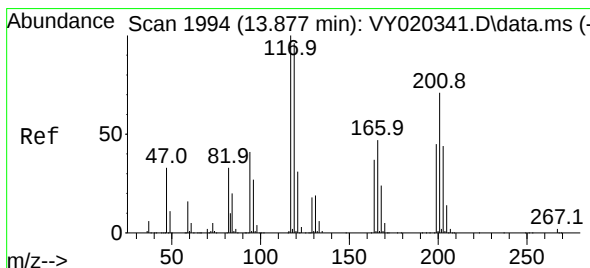
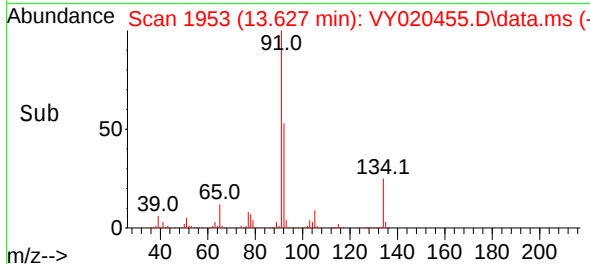
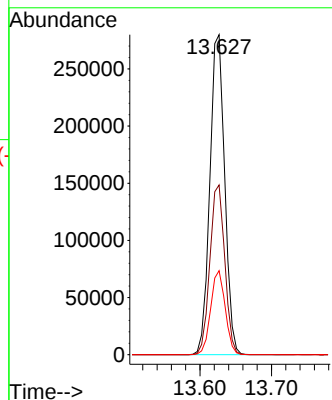
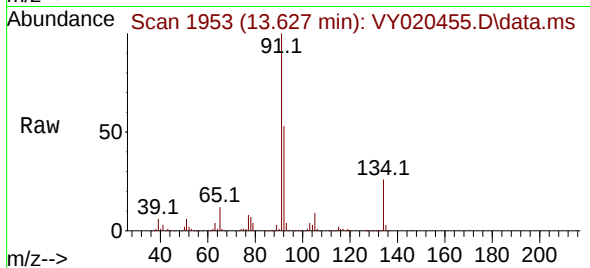
Tgt Ion: 91 Resp: 403547

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 25.7 12.2 36.4



#90

Hexachloroethane

Concen: 56.431 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.012 min

Lab File: VY020455.D

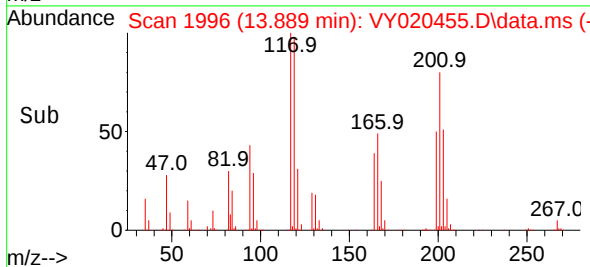
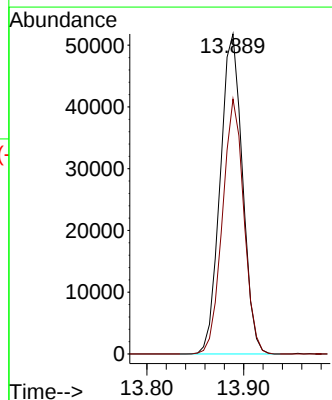
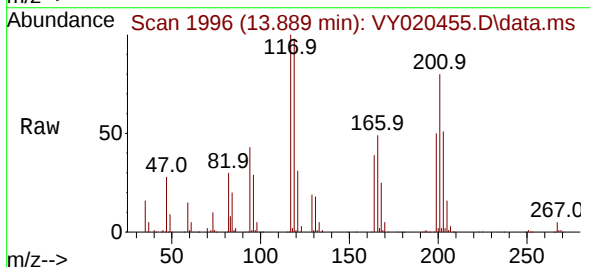
Acq: 27 Nov 2024 10:28

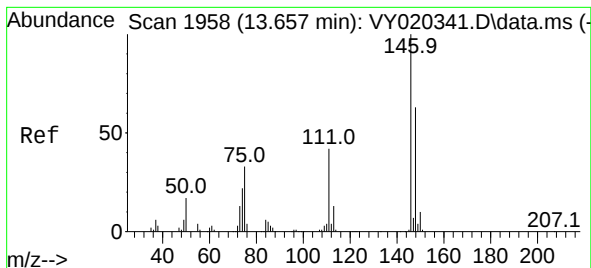
Tgt Ion: 117 Resp: 82736

Ion Ratio Lower Upper

117 100

201 76.6 37.1 111.3

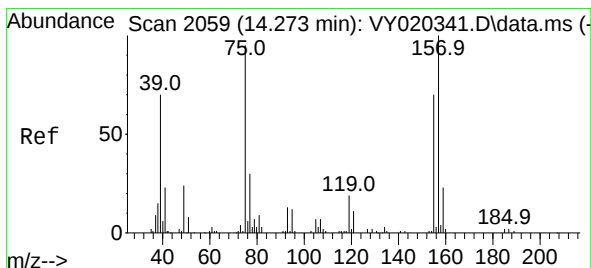
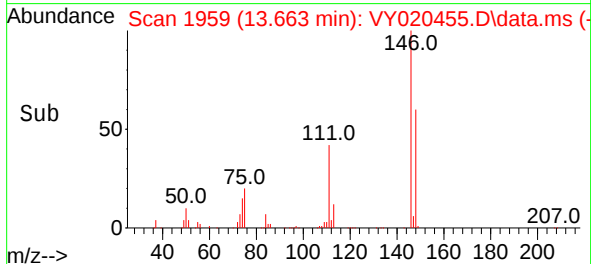
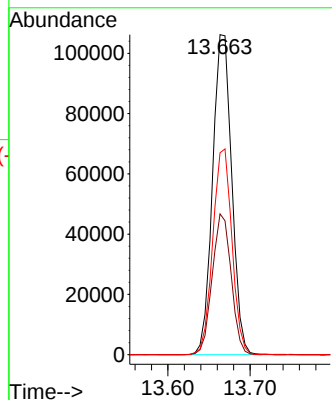
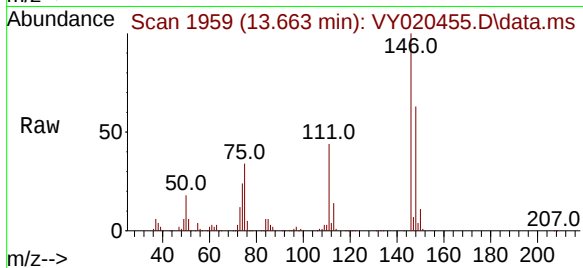




#91
1,2-Dichlorobenzene
Concen: 55.728 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

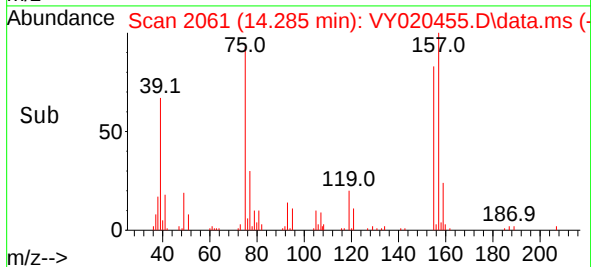
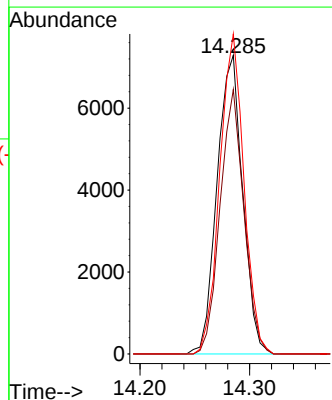
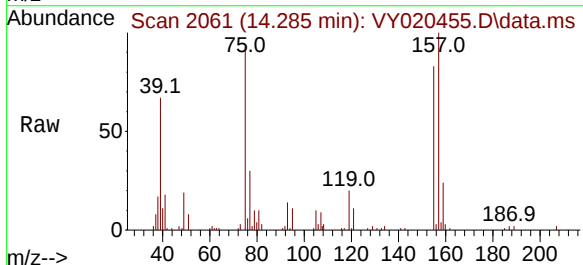
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

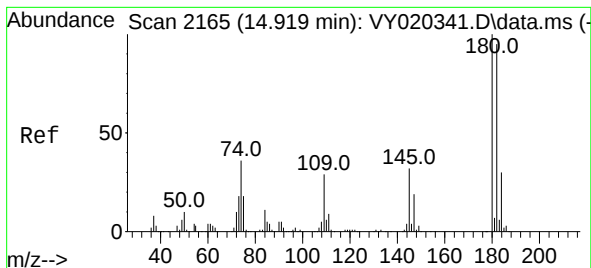
Tgt Ion:146 Resp: 171873
Ion Ratio Lower Upper
146 100
111 43.4 20.8 62.5
148 64.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.071 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 10:28

Tgt Ion: 75 Resp: 11835
Ion Ratio Lower Upper
75 100
155 82.2 39.7 119.1
157 101.0 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 53.776 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

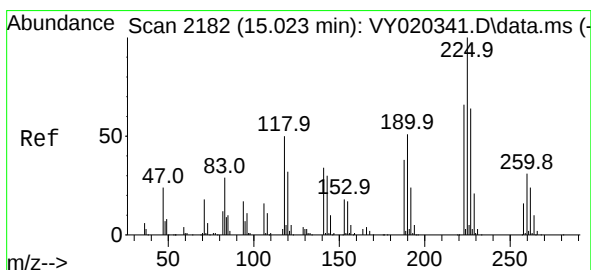
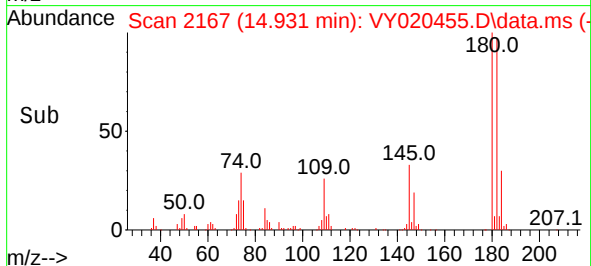
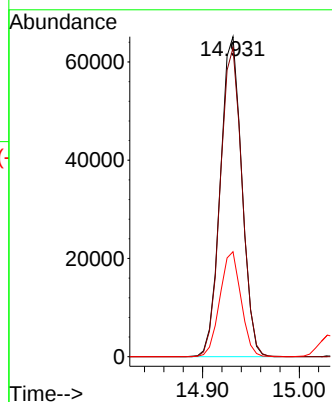
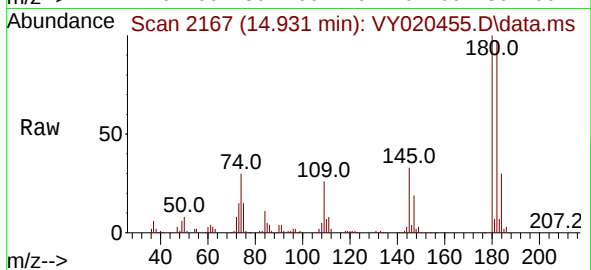
Tgt Ion:180 Resp: 100282

Ion Ratio Lower Upper

180 100

182 97.6 47.6 142.8

145 32.3 15.8 47.3



#94

Hexachlorobutadiene

Concen: 60.019 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

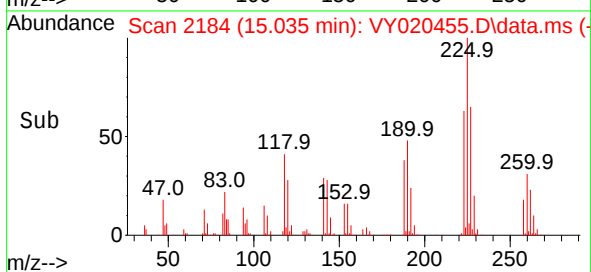
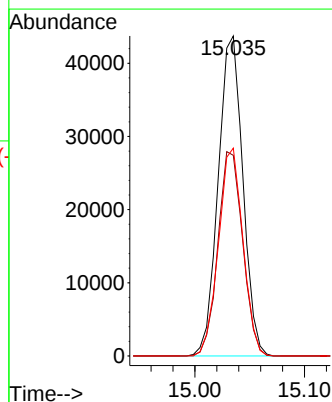
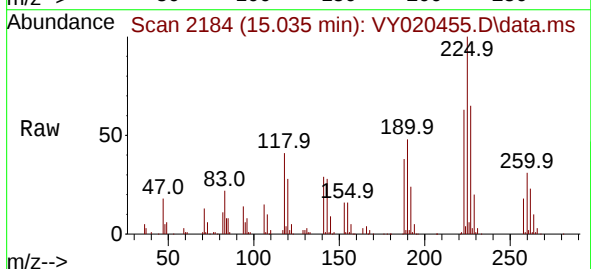
Tgt Ion:225 Resp: 68318

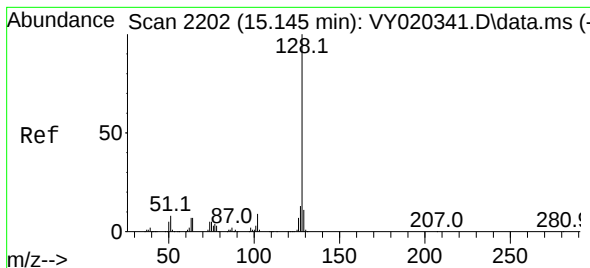
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.5

227 64.4 32.3 96.8





#95

Naphthalene

Concen: 54.142 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

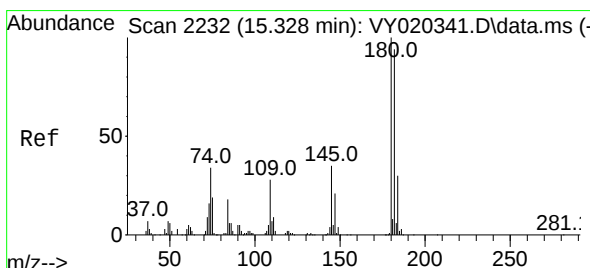
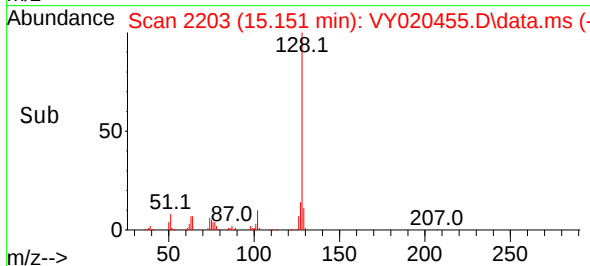
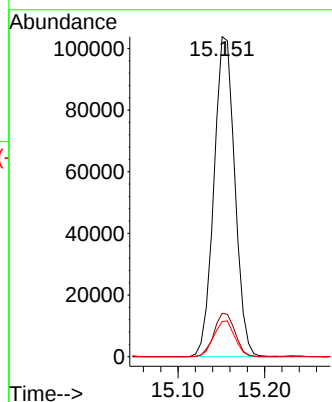
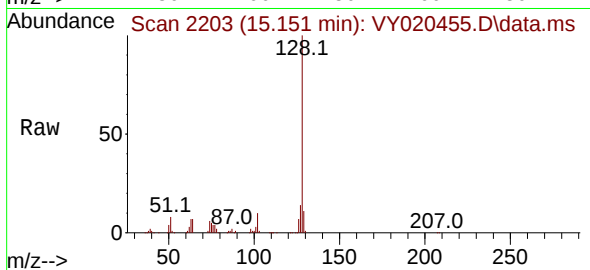
Tgt Ion:128 Resp: 173879

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.065 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 10:28

Tgt Ion:180 Resp: 83015

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.3

145 33.5 16.9 50.6

